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OM nucleic - nucleic search, using sw model

Run on: November 4, 2004, 18:05:13 ; Search time 267 Seconds
(without alignments)
6551.504 Million cell updates/sec

Title: US-08-599-974E-9

Perfect score: 2461

Sequence: 1 gaggaatcgttctgcaatc.....ctgacttttcattgattag 2461

Scoring table: IDENTITY NUC

Gapop 10_0 , Gapext 1.0

Searched: 824507 seqs, 355394441 residues

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patents NA:*

1: /cgn2_6/ptodata/1/ina/5A_COMB.seq:*

2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:*

3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*

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5: /cgn2_6/ptodata/1/ina/PTUS_COMB.seq:*

6: /cgn2_6/ptodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	2433.4	98.9	3097	2	US-08-599-455B-1
2	2433.4	98.9	3097	3	US-09-069-781B-1
3	2433.4	98.9	3097	3	US-09-137-132-1
4	2433.4	98.9	3097	3	US-08-864-564A-1
5	2433.4	98.9	3097	4	US-09-094-410-1
6	2433.4	98.9	3097	4	US-08-708-123D-1
7	2433.4	98.9	3097	4	US-08-583-153A-1
8	2433.4	98.9	3097	4	US-08-570-142D-1
9	2433.4	98.9	3097	4	US-08-638-524B-1
10	2433.4	98.9	3854	2	US-08-599-455B-42
11	2433.4	98.9	3854	3	US-09-069-781B-42
12	2433.4	98.9	3854	3	US-09-137-132-42
13	2433.4	98.9	3854	3	US-08-864-564A-42
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15	2433.4	98.9	3854	4	US-08-708-123D-42
16	2433.4	98.9	3854	4	US-08-638-524B-42
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18	2163.4	87.9	3495	3	US-08-827-962-17
19	2163.4	87.9	3650	3	US-08-837-635-5
20	2163.4	87.9	3650	3	US-08-803-346-2
21	2161.8	87.8	3650	3	US-08-837-635-7
22	2160.2	87.8	3650	3	US-08-827-962-16
23	1692.2	68.8	3102	4	US-08-780-562-6
24	1692.2	68.8	3629	3	US-08-837-635-6
25	1692.2	68.8	3800	4	US-09-023-655-885
26	1692.2	68.8	3871	2	US-08-599-455B-3
27	1692.2	68.8	3871	3	US-09-069-781B-3

28 1692.2 68.8 3871 3 US-09-137-132-3 Sequence 3, Appli

29 1692.2 68.8 3871 4 US-09-094-410-3 Sequence 3, Appli

30 1692.2 68.8 3871 4 US-08-708-123D-3 Sequence 3, Appli

31 1692.2 68.8 3871 4 US-08-583-153A-3 Sequence 3, Appli

32 1692.2 68.8 3871 4 US-08-570-142D-3 Sequence 3, Appli

33 1692.2 68.8 3871 4 US-08-638-524B-3 Sequence 3, Appli

34 1692.2 68.8 4102 4 US-08-780-562-1 Sequence 1, Appli

35 1691 68.7 3004 4 US-08-780-562-5 Sequence 5, Appli

36 1690.8 68.7 2877 2 US-08-693-697-35 Sequence 35, Appli

37 1690.8 68.7 2880 2 US-08-693-697-32 Sequence 32, Appli

38 1690.8 68.7 2991 1 US-08-355-888A-6 Sequence 6, Appli

39 1690.8 68.7 2991 2 US-08-588-190-1 Sequence 1, Appli

40 1690.8 68.7 2991 2 US-08-693-697-6 Sequence 6, Appli

41 1690.8 68.7 2991 2 US-08-640-389A-1 Sequence 1, Appli

42 1690.8 68.7 2991 3 US-08-693-696-6 Sequence 6, Appli

43 1690.8 68.7 2991 3 US-08-618-957A-1 Sequence 1, Appli

44 1690.8 68.7 2991 4 US-09-357-914-6 Sequence 6, Appli

45 1688.2 68.6 2415 4 US-09-116-676-9 Sequence 9, Appli

ALIGNMENTS

RESULT 1

US-08-599-455B-1
; Sequence 1, Application US/08599455B
; Patent No. 5972621
; GENERAL INFORMATION:
; APPLICANT: Tartaglia, Louis A.
; APPLICANT: Tepper, Robert I.
; APPLICANT: Culpepper, Janice A.
; TITLE OF INVENTION: METHODS OF IDENTIFYING COMPOUNDS THAT
; TITLE OF INVENTION: MODULATE BODY WEIGHT USING THE OB RECEPTOR
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/599,455B
; FILING DATE: 22-JAN-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/583,153
; FILING DATE: 28-DEC-1995
; APPLICATION NUMBER: 08/570,142
; FILING DATE: 11-DEC-1995
; APPLICATION NUMBER: 08/569,485
; FILING DATE: 08-DEC-1995
; APPLICATION NUMBER: 08/566,622
; FILING DATE: 04-DEC-1995
; APPLICATION NUMBER: 08/562,663
; FILING DATE: 27-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Meiklejohn, Ph.D., Anita L.
; REGISTRATION NUMBER: 35,283
; REFERENCE/DOCKET NUMBER: 07334/017001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3097 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

; TOPOLOGY: linear									
; MOLECULE TYPE: cDNA									
; FEATURE:									
; NAME/KEY: Coding Sequence									
; LOCATION: 61...2742									
US-08-599-455B-1									
Query Match 98.9%; Score 2433.4; DB 2; Length 3097;									
Best Local Similarity 99.8%; Pred. No. 0;									
Matches 2437; Conservative 0; Mismatches 6; Indels 0; Gaps 0;									
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Db	78	CTATGTGGTTTTGTGTACACTGGGAAATTTCTTTATGTGATAGCTGCACTTAACTCGGCATA	137						
QY	121	TCCAAATCTCTCCCTGGAAATTTAAAGTTGTTTGTGGACCAACCGAACACACCGATGACTC	180						
Db	138	TCCAAATCTCTCCCTGGAAATTTAAAGTTGTTTGTGGACCAACCGAACACACCGATGACTC	197						
QY	181	CTTTCTCTCACCTGTGGAGCCCAACCAATGCCTCGGCTTTGAAGGGGGCTTCTGAAGC	240						
Db	198	CTTTCTCTCACCTGTGGAGCCCAACCAATGCCTCGGCTTTGAAGGGGGCTTCTGAAGC	257						
QY	241	AATTGTTGAAGCTAAATTTAAATTTCAAGTGGTATCTACGTTCTCTGAGTTATCCAAACACGT	300						
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QY	301	CTTCCACTGTTGTTGGAAATGAGCAAGGTCAAAATCTGCTCTGCACTCACAGACAAACAC	360						
Db	318	CTTCCACTGTTGTTGGAAATGAGCAAGGTCAAAATCTGCTCTGCACTCACAGACAAACAC	377						
QY	361	TGAAGGGAAGACACTGGCTTCAGTAGTGAAGGCTTCAGTTTTCGCCAGCTAGGTGTAA	420						
Db	378	TGAAGGGAAGACACTGGCTTCAGTAGTGAAGGCTTCAGTTTTCGCCAGCTAGGTGTAA	437						
QY	421	CTGGGACATAGAGTGTGGATGAAAGGGGACTTGACATTTATTCATCTGTCATATGGAGCC	480						
Db	438	CTGGGACATAGAGTGTGGATGAAAGGGGACTTGACATTTATTCATCTGTCATATGGAGCC	497						
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QY	661	CGCTCTCTGATGATTTGGAAATCACTCTGCGCGGTGTGAGTTTCAGTCACTCTGAT	720						
Db	678	CGCTCTCTGATGATTTGGAAATCACTCTGCGCGGTGTGAGTTTCAGTCACTCTGAT	737						
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Db	798	CACAGATGATGGTAATTTAAAGATTTCTTGGGACAGCCAAACAAATGGCACCACTTCCGCT	857						
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Db	1518	CGTCTTACAGAGAGCGGCTTTTATGAATGTGTTTTCAGGCCAATCTTTTCTATTATCTGG	1577						
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QY	1921	AGCCTATACGCTTGTCTGATGGATGAAAGTTTCTTATGAGAGGGCTGTAATTTTGAGAAA	1980						
Db	1938	AGCCTATACGCTTGTCTGATGGATGAAAGTTTCTTATGAGAGGGCTGTAATTTTGAGAAA	1997						
QY	1981	AATGATGGGACGCTTACTAAAAAGGAGAGAAAATGTCACTTGTCTTGGAAAGCCCTGCAC	2040						
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QY 2041 GAAAAATGACTCACTGTGTAGTGTGAGGAGGTACGTGGTGAAGCATCGTACTGCCACAA 2100
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QY 2101 TGGGACGTGGTGAAGATGTGGGAAATCGGACCAATCTCATTCTCTGTGGACAGAACC 2160
Db 2118 TGGGACGTGGTGAAGATGTGGGAAATCGGACCAATCTCATTCTCTGTGGACAGAACC 2177
QY 2161 AGCGCACACTGTTACAGTGTGCTGCTCAATCCCTCGGCGCTTCCCTTGTGAATTTAA 2220
Db 2178 AGCGCACACTGTTACAGTGTGCTGCTCAATCCCTCGGCGCTTCCCTTGTGAATTTAA 2237
QY 2221 CCTTACCTTCTCATGCGCCCATGAGTAAAGTGTGCTGTGGAGTCACTCAGTGTCTTATCC 2280
Db 2238 CCTTACCTTCTCATGCGCCCATGAGTAAAGTGTGCTGTGGAGTCACTCAGTGTCTTATCC 2297
QY 2281 CTTGAGCAGCAGTGTGTCTCTTCTTGGACACTGTCACTGTATGATATAGTCTGTT 2340
Db 2298 CTTGAGCAGCAGTGTGTCTCTTCTTGGACACTGTCACTGTATGATATAGTCTGTT 2357
QY 2341 ATATCTGGTATTGTAATGAAGATCCTTAATGAAGATGATGAATGAAGTGTAGAT 2400
Db 2358 ATATCTGGTATTGTAATGAAGATCCTTAATGAAGATGATGAATGAAGTGTAGAT 2417
QY 2401 TCCCTCGAATGTTAAAAAGTTTTATATCCACGCTATGTCTACT 2443
Db 2418 TCCCTCGAATGTTAAAAAGTTTTATATCCACGTAATTTTAT 2460

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RESULT 2

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US-09-069-781B-1
; Sequence 1, Application US/09069781B
; Patent No. 628782
; GENERAL INFORMATION:
; APPLICANT: Tartaglia, Louis A.
; APPLICANT: Tepper, Robert I.
; APPLICANT: Culpepper, Janice A.
; APPLICANT: White, David W.
; TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR
; TITLE OF INVENTION: THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS,
; TITLE OF INVENTION: INCLUDING OBESITY AND CACHEXIA
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESS: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: Fast-Seq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/069,781B
; FILING DATE: 29-APRIL-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/864,564
; FILING DATE: 28-MAY-1997
; APPLICATION NUMBER: US 08/708,123
; FILING DATE: 03-SEP-1996
; APPLICATION NUMBER: US 08/638,524
; FILING DATE: 26-APR-1996
; APPLICATION NUMBER: US 08/599,455
; FILING DATE: 22-JAN-1996
; APPLICATION NUMBER: US 08/583,153
; FILING DATE: 28-DEC-1995
; APPLICATION NUMBER: US 08/570,142
; FILING DATE: 11-DEC-1995
; APPLICATION NUMBER: US 08/569,485
; FILING DATE: 08-DEC-1995

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; APPLICATION NUMBER: US 08/566,622
; FILING DATE: 04-DEC-1995
; APPLICATION NUMBER: US 08/562,663
; FILING DATE: 27-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Meikiejohn, Ph.D., Anita L.
; REGISTRATION NUMBER: 35,283
; REFERENCE/DOCKET NUMBER: 07334/082001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3097 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: Coding Sequence
; LOCATION: 61....2742
; US-09-069-781B-1

Query Match 98.9%; Score 2433.4; DB 3; Length 3097;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 2437; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1 GAGGAATCGTTCTGCAAAATCCAGGTGTACACCTCTGAAGAAAGATGATGTGCAGAAATT 60
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QY 121 TCCAACTCTCCCTGGAAATTTAAGTTGTTGTGGACACCGAACACACACCGATGACTC 180
Db 138 TCCAACTCTCCCTGGAAATTTAAGTTGTTGTGGACACCGAACACACACCGATGACTC 197
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Db 198 CTTTCTCTCAGCTGTGAGGCCCAAAACAATGCCTCGGCTTTGAAGGGGGCTTCTGAAGC 257
QY 241 AATTGTTGAAGCTAAATTTAATTCAGTGGTATCTACGTTCTCTGAGTTATCCAAACAGT 300
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QY 541 TGAAGTCAATAGATGATTCGCTTCCCTTCCCTCCCACTGAAGACAGCTTTTCAAGATG 600
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1698 TGTAAACACTGGATTTTGAAGATATCTTGGGAAGCCAGTCTTTCGGGAATAA CCT 1757
1741 TCAATTTCCAGATTCGATATGGCTTAAGTGGAAAAAGAAATACAATGGAAGACACATGAGGT 1800
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Db 1878 GGTCCAGGTTTCGCTGCGCGGCTTGGATGGACTAGGATATTTGGAGTAATTTGGAGCAGTCC 1937
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QY 1981 AATGATGGGACGTTTACTATAAAGGAGAGAAATGTCACTTGTCTTGGAAAGCCCTGAC 2040
Db 1998 AATGATGGGACGTTTACTATAAAGGAGAGAAATGTCACTTGTCTTGGAAAGCCCTGAC 2057
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RESULT 3

US-09-137-132-1
; Sequence 1, Application US/09137132
; Patent No. 6380363
; GENERAL INFORMATION:
; APPLICANT: Tartaglia, Louis A.
; APPLICANT: Tepper, Robert I.
; APPLICANT: Culpepper, Janice A.
; APPLICANT: White, David W.
; TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR
; TITLE OF INVENTION: THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS,
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:

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APPLICATION NUMBER: US/09/137,132
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: 08/864,564
  FILING DATE: 28-MAY-1997
APPLICATION NUMBER: 08/708,123
  FILING DATE: 03-SEP-1996
APPLICATION NUMBER: 08/638,524
  FILING DATE: 26-APR-1996
APPLICATION NUMBER: 08/599,455
  FILING DATE: 22-JAN-1996
APPLICATION NUMBER: 08/583,153
  FILING DATE: 28-DEC-1995
APPLICATION NUMBER: 08/570,142
  FILING DATE: 11-DEC-1995
APPLICATION NUMBER: 08/569,485
  FILING DATE: 08-DEC-1995
APPLICATION NUMBER: 08/566,622
  FILING DATE: 04-DEC-1995
APPLICATION NUMBER: 08/562,663
  FILING DATE: 27-NOV-1995
ATTORNEY/AGENT INFORMATION:
  NAME: Melkielejohn, Ph.D., Anita L.
  REGISTRATION NUMBER: 35,283
  REFERENCE/DOCKET NUMBER: 07334/019004
  TELECOMMUNICATION INFORMATION:
    TELEPHONE: 617-542-5070
    TELEFAX: 617-542-8906
    TELEX: 200154
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
  LENGTH: 3097 base pairs
  TYPE: nucleic acid
  STRANDEDNESS: double
  TOPOLOGY: unknown
  MOLECULE TYPE: cDNA
FEATURE:
  NAME/KEY: Coding Sequence
  LOCATION: 61...2742
US-09-137-132-1

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Query Match      98.9%; Score 2433.4; DB 3; Length 3097;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 2437; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

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Db 1878 GGTCCAGGTTTCGCTGCCGGCGGTGGATGGAATAGGATATTGGAGTAATTGGAGCAGTCC 1937
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Db 1938 AGCTATACGCTTGTTCATGATGTAAGAGTTTCTATGAGAGGCGCTGAAATTTGGAGAAA 1997
QY 1981 AATGGATGGGACGTTACTTAAAGAGAGAGAAATGTCACTTGTCTTGGAGCCCTGAC 2040
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QY 2041 GAAAAATGACTCACTGTGTAGTGTGAGGAGTACGTGGTGAAGCATCGTACTGCCACAA 2100
Db 2058 GAAAAATGACTCACTGTGTAGTGTGAGGAGTACGTGGTGAAGCATCGTACTGCCACAA 2117
QY 2101 TGGAGCGTGGTCAAGAGATGTGGGAAATCGGACCAATCTCACTTTCTCTGTGACAGAAC 2160
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QY 2401 TCCTCGAATGTTAAAGTTTATATCCACGATGTGTACT 2443
Db 2418 TCCTCGAATGTTAAAGTTTATATCCACGATATTTTAT 2460

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RESULT 4

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; US-08-864-564A-1
; Sequence 1, Application US/08864564A
; Patent No. 6395498
; GENERAL INFORMATION:
; APPLICANT: Tartaglia, Louis A.
; APPLICANT: Tepper, Robert I.
; APPLICANT: Culpepper, Janice A.
; APPLICANT: White, David W.

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; TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR
; TITLE OF INVENTION: THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS,
; TITLE OF INVENTION: INCLUDING OBESITY AND CACHEXIA
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/864,564A
; FILING DATE: 28-MAY-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/708,123
; FILING DATE: 03-SEP-1996
; APPLICATION NUMBER: 08/638,524
; FILING DATE: 26-APR-1996
; APPLICATION NUMBER: 08/599,455
; FILING DATE: 22-JAN-1996
; APPLICATION NUMBER: 08/583,153
; FILING DATE: 28-DEC-1995
; APPLICATION NUMBER: 08/570,142
; FILING DATE: 11-DEC-1995
; APPLICATION NUMBER: 08/569,485
; FILING DATE: 08-DEC-1995
; APPLICATION NUMBER: 08/566,622
; FILING DATE: 04-DEC-1995
; APPLICATION NUMBER: 08/562,663
; FILING DATE: 27-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Meiklejohn, Ph.D., Anita L.
; REGISTRATION NUMBER: 35,283
; REFERENCE/DOCKET NUMBER: 07334/019002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3097 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: Coding Sequence
; LOCATION: 61...2742
; US-08-864-564A-1

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Query Match 98.9%; Score 2433.4; DB 3; Length 3097;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 2437; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

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RESULT 5

US-09-094-410-1
; Sequence 1, Application US/09094410
; Patent No. 6403552
; GENERAL INFORMATION:
; APPLICANT: Tartaglia, Louis A.
; APPLICANT: Tepper, Robert I.
; APPLICANT: Culpepper, Janice A.
; APPLICANT: White, David W.
; TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR
; TITLE OF INVENTION: THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS,
; TITLE OF INVENTION: INCLUDING OBESITY AND CACHEXIA
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/094,410
; FILING DATE: 09-JUN-1998
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/864,564
; FILING DATE: 28-MAY-1997
; APPLICATION NUMBER: 08/708,123
; FILING DATE: 03-SEP-1996
; APPLICATION NUMBER: 08/638,524
; FILING DATE: 26-APR-1996
; APPLICATION NUMBER: 08/599,455
; FILING DATE: 22-JAN-1996
; APPLICATION NUMBER: 08/583,153
; FILING DATE: 28-DEC-1995
; APPLICATION NUMBER: 08/570,142
; FILING DATE: 11-DEC-1995
; APPLICATION NUMBER: 08/569,485
; FILING DATE: 08-DEC-1995
; APPLICATION NUMBER: 08/566,622
; FILING DATE: 04-DEC-1995
; APPLICATION NUMBER: 08/562,663
; FILING DATE: 27-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Meiklejohn, Ph.D., Anita L.
; REGISTRATION NUMBER: 35,283
; REFERENCE/DOCKET NUMBER: 07334/019003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3097 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: Coding Sequence
; LOCATION: 61...2742
US-09-094-410-1

		Query Match	98.9%;	Score 2433.4;	DB 4;	Length 3097;
		Best Local Similarity	99.8%;	Pred. No. 0;		
		Matches 2437;	Conservative 0;	Mismatches 6;	Indels 0;	Gaps 0;
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QY	61	CTATGTGGTTTGTACACTGGGAATTTCTTTATGTGATAGCTGCACCTTAACCTGGCATA 120				
Db	78	CTATGTGGTTTGTACACTGGGAATTTCTTTATGTGATAGCTGCACCTTAACCTGGCATA 137				
QY	121	TCCAATCTCCCTCGAAATTTAAAGTGTGTTTGTGGACACCGAACAACCGATGACTC 180				
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QY	181	CTTCTCTCACCTGCTGGAGCCCAAAACAATGCCCTCGGCTTTGAAGGGGGCTTCTGAAGC 240				
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Db	318	CTTCCACTGTTGCTTTGGGAATGAGCAAGGTCAAAACTGCTCTGCACCTCACAGACAACAC 377				
QY	361	TGAAGGGAAGACACCTGGCTTCAGTAGTGAAGGCTTCAGTTTTTCGCCAGTAGGTGTAAA 420				
Db	378	TGAAGGGAAGACACCTGGCTTCAGTAGTGAAGGCTTCAGTTTTTCGCCAGTAGGTGTAAA 437				
QY	421	CTGGACATAGAGTCTCGATGAAAGGGGACCTTGACATTTATTCATCTCTCATATGGAGCC 480				
Db	438	CTGGACATAGAGTCTCGATGAAAGGGGACCTTGACATTTATTCATCTCTCATATGGAGCC 497				
QY	481	ATTACCTAAGAACCCCTTCAAGAATTATGACTCTTAAGGTCCATCTTTTATATGATCTGCC 540				
Db	498	ATTACCTAAGAACCCCTTCAAGAATTATGACTCTTAAGGTCCATCTTTTATATGATCTGCC 557				
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Db	618	CAACTGCACTCTTCGGGATGTGAATGTGTCGCGGTACCCAGAGGCAAACTCAACTA 677				
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QY	721	GTCACTGCAGGCCCATGCTTGTGTGAAACCCGATCCACCCTTAGGTTTGCATATGGAAGT 780				
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; Sequence 1, Application US/08708123D
; Patent No. 6482927
; GENERAL INFORMATION:
; APPLICANT: Tartaglia, Louis A.
; APPLICANT: Tepper, Robert I.
; APPLICANT: Culpepper, Janice A.
; APPLICANT: White, David W.
; TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR
; TITLE OF INVENTION: THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS,
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/708,123D
; FILING DATE: 03-SEP-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/638,524
; FILING DATE: 26-APR-1996
; APPLICATION NUMBER: 08/599,455
; FILING DATE: 22-JAN-1996
; APPLICATION NUMBER: 08/583,153
; FILING DATE: 28-DEC-1995
; APPLICATION NUMBER: 08/570,142
; FILING DATE: 11-DEC-1995
; APPLICATION NUMBER: 08/569,485
; FILING DATE: 08-DEC-1995
; APPLICATION NUMBER: 08/566,622
; FILING DATE: 04-DEC-1995
; APPLICATION NUMBER: 08/562,663
; FILING DATE: 27-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Meiklejohn, Ph.D., Anita L.
; REGISTRATION NUMBER: 35,283
; REFERENCE/DOCKET NUMBER: 07334/019001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906

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; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 3097 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: double
;   TOPOLOGY: unknown
;   MOLECULE TYPE: cdna
;   FEATURE:
;     NAME/Key: Coding Sequence
;     LOCATION: 61...2742
; US-08-708-123D-1

Query Match      98.9%; Score 2433.4; DB 4; Length 3097;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 2437; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

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QY      481 ATTACCTAAGAACCCCTTCAAGAAATTTACACTCTAAGGTCCTATTTATATGATCTGCC 540
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DB      678 CGCTCTCTTGATGATTTTGGAAATCACATCTCGCGGTGAGTTTTCAGTCACTCTGAT 737
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DB      738 GTCACCTGACGCCCATCTGTTGTGAAACCCGATCCACCTTAGGTTTGCATATGGAAGT 797
QY      781 CACAGATGATGTAATTTAAAGATTTCTTGGGACAGCCAAAACAATGGCACCAATTTCCGCT 840
DB      798 CACAGATGATGTAATTTAAAGATTTCTTGGGACAGCCAAAACAATGGCACCAATTTCCGCT 857
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1938 AGCCTATACGCTTGTCTATGATGTAAGTTCCTATGAGAGGCTGAATTTTGGAGAA 1997
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RESULT 7
US-08-583-153A-1
; Sequence 1, Application US/08583153A
; Patent No. 6506877
; GENERAL INFORMATION:
; APPLICANT: Tartaglia, Louis A.
; APPLICANT: Tepper, Robert I.
; APPLICANT: Culpepper, Janice A.
; TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR THE
; TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS, INCLUDING
; TITLE OF INVENTION: OBESITY AND CACHEXIA
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/583,153A
; FILING DATE: 28-DEC-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/570,142
; FILING DATE: 11-DEC-1995
; APPLICATION NUMBER: 08/569,485
; FILING DATE: 08-DEC-1995
; APPLICATION NUMBER: 08/566,622
; FILING DATE: 04-DEC-1995
; APPLICATION NUMBER: 08/562,663
; FILING DATE: 27-NOV-1995
; ATTORNEY/AGENT INFORMATION:
```

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; NAME: Meiklejohn, Anita L.
; REGISTRATION NUMBER: 35,283
; REFERENCE/DOCKET NUMBER: 07334/016001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3097 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 61...2742
; US-08-583-153A-1

Query Match      98.9%; Score 2433.4; DB 4; Length 3097;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 2437; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY      1 GAGGAATCGTTCTGCAAAATCCAGGTGTACACCTCTGAAGAAAGATGATGTGCAGAAAT 60
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Db 798 CACAGATGATGTPAATTTAAAGATTTCTTGGGACAGCCCAACAATGGCCCAATTTCCGCT 857
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Db 858 TCAATATCAGGTGAATATTTAGAGAAATTTCTACAATTTGAAGAGAGGCTGCTGAATTTGT 917
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Db 1278 CGCAGTGTA CTGCTGCAATGAGCAGCGCTGCCATCACCGCTATCTCGAATTA TACGTGAT 1337
Qy 1321 CGATGTCAATATCAATATATCATGTGAAACTGTGACGGGTACTTAACTPAAATGACTTGCAG 1380
Db 1338 CGATGTCAATATCAATATATCATGTGAAACTGTGACGGGTACTTAACTPAAATGACTTGCAG 1397
Qy 1381 ATGGTCACCCAGCACAACTCAATCACTAGTGGGAAGCACTGTGCAGCTGAGGTATCACAG 1440
Db 1398 ATGGTCACCCAGCACAACTCAATCACTAGTGGGAAGCACTGTGCAGCTGAGGTATCACAG 1457
Qy 1441 GCCCAGCTGTATTTGCTGATAGTCCATCTATTTCACTCTACCTGCTGAGCCCAAAAACGTG 1500
Db 1458 GCCCAGCTGTATTTGCTGATAGTCCATCTATTTCACTCTGCTGAGCCCAAAAACGTG 1517
Qy 1501 CGTCTTACAGAGACGGCTTTTATGAATGTGTTTTCCAGCCCAATCTTTCTATTATCTGG 1560
Db 1518 CGTCTTACAGAGACGGCTTTTATGAATGTGTTTTCCAGCCCAATCTTTCTATTATCTGG 1577
Qy 1561 CTATACAATGTGATCAGGATCAACCATTTCTTTAGGTTCACTTGACTCGCCCAACAGTG 1620
Db 1578 CTATACAATGTGATCAGGATCAACCATTTCTTTAGGTTCACTTGACTCGCCCAACAGTG 1637
Qy 1621 TGTCTCTTCTGATCCCGTAGTAAAAACCACTACCTCCATCTAACTGTAAGAGCAGAGATTAC 1680
Db 1638 TGTCTCTTCTGATCCCGTAGTAAAAACCACTACCTCCATCTAAGTAAAGCAGAGATTAC 1697
Qy 1681 TGTAAACACTGGAATTTAGAAAGTATCTTGGGAAAAAGCCAGTCTTTCCGGAGAAATACCT 1740
Db 1698 TGTAAACACTGGAATTTAGAAAGTATCTTGGGAAAAAGCCAGTCTTTCCGGAGAAATACCT 1757
Qy 1741 TCAATTTCCAGATTCGATATGCTTAACTGTAAGTGAAGAAATACAAATGGAAGCACATGAGT 1800
Db 1758 TCAATTTCCAGATTCGATATGCTTAACTGTAAGTGAAGAAATACAAATGGAAGCACATGAGT 1817
Qy 1801 ATTCGATGCAAGTCAAAGTCTGCCAGCCTGTGCTGTCAGACCTCTGTGCACTCTATGT 1860
Db 1818 ATTCGATGCAAGTCAAAGTCTGCCAGCCTGTGCTGTCAGACCTCTGTGCACTCTATGT 1877

Qy 1861 GGTCCAGGTTCTCTCCCGCGGTGGATGGACTAGGATATTGGAGTAATTGGAGCAGTCC 1920
Db 1878 GGTCCAGGTTCTCTCCCGCGGTGGATGGACTAGGATATTGGAGTAATTGGAGCAGTCC 1937
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Db 1938 AGCCTATACGCTGTGCTAGGATGTAAGTTCTCTATGAGAGGCGCTGAATTTTGAGAAA 1997
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Db 1998 AATGATGGGACGTTTACTAAAAAGGAGAGAAATGTCACTTTGCTTTGGAAGCCCTGAC 2057
Qy 2041 GAAAAATGACTCACTGTGTAGTGTGAGGAGTACGTGTGTAAGCATCTGTACTGCCCAAA 2100
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Db 2118 TGGGACGTTGTCAGAAAGATGTGGGAAATCGGACCAATCTCACTTTCTGTGACAGAAC 2177
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RESULT 8

US-08-570-142D-1

; Sequence 1, Application US/08570142D

; Patent No. 6509189

; GENERAL INFORMATION:

; APPLICANT: Tartaglia, Louis A.

; APPLICANT: Tepper, Robert I.

; APPLICANT: Culpepper, Janice A.

; TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR THE

; TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS, INCLUDING

; TITLE OF INVENTION: OBESITY AND CACHEXIA

; NUMBER OF SEQUENCES: 6

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Fish & Richardson, P.C.

; STREET: 225 Franklin Street

; CITY: Boston

; STATE: MA

; COUNTRY: US

; ZIP: 02110-2804

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: Windows95

; SOFTWARE: Fast-SEQ for Windows Version 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/570,142D

; FILING DATE: 11-DEC-1995

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/569,485

; FILING DATE: 08-DEC-1995

; APPLICATION NUMBER: 08/566,622

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/ FILING DATE: 04-DEC-1995
/ APPLICATION NUMBER: 08/562,663
/ FILING DATE: 27-NOV-1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Meiklejohn, Ph.D., Anita L.
/ REGISTRATION NUMBER: 35,283
/ REFERENCE/DOCKET NUMBER: 07334/014001
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 617-542-5070
/ TELEFAX: 617-542-8906
/ TELEX: 200154
/ INFORMATION FOR SEQ ID NO: 1:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 3097 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: unknown
/ MOLECULE TYPE: cDNA
/ FEATURE:
/ NAME/KEY: Coding Sequence
/ LOCATION: 61...2742
US-08-570-142D-1

Query Match      98.9%; Score 2433.4; DB 4; Length 3097;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 2437; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1 GAGGAATCCTCTGCAAAATCCAGGTGTACACCTCTGAAGAAAGATGATGTGCAGAAATT 60
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QY 61 CTATGTGGTTTGTACACTGGGAATTTCTTTATGTAGTAGTGCACTTAACTGSCATA 120
DB 78 CTATGTGGTTTGTACACTGGGAATTTCTTTATGTAGTAGTGCACTTAACTGSCATA 137
QY 121 TCCAAATCTCTCCTCGGAATTTAAAGTTGTTTGTGGACCAACCGAAACACACCGATGACTC 180
DB 138 TCCAAATCTCTCCTCGGAATTTAAAGTTGTTTGTGGACCAACCGAAACACACCGATGACTC 197
QY 181 CTTTCTCTACCTGCTGGAGCCCAACAAATGGCTCGGGTTTGAAGGGGGCTTCTGAAGC 240
DB 198 CTTTCTCTACCTGCTGGAGCCCAACAAATGGCTCGGGTTTGAAGGGGGCTTCTGAAGC 257
QY 241 AATTGTTGAAGCTAAATTTAAATTTCAAGTGTATCTGACGTTCTCTGAGTTATCAAAACAGT 300
DB 258 AATTGTTGAAGCTAAATTTAAATTTCAAGTGTATCTGACGTTCTCTGAGTTATCAAAACAGT 317
QY 301 CTTTCACTGTTGCTTTGGGAATGAGCAAGGTCAAAACTGCTCTGCACTCACAGACAAACAC 360
DB 318 CTTTCACTGTTGCTTTGGGAATGAGCAAGGTCAAAACTGCTCTGCACTCACAGACAAACAC 377
QY 361 TGAAGGGAAGACATGGCTTCTAGTAGTGAAGGTTCAAGGTTTTCGCGAGCTAGGTGTA 420
DB 378 TGAAGGGAAGACATGGCTTCTAGTAGTGAAGGTTCAAGGTTTTCGCGAGCTAGGTGTA 437
QY 421 CTGGGACATAGAGTCTGGAATGAAGGGACATTGACATTATTCATCTGTCATATGAGGCC 480
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QY 481 ATTACCTAAGAACCCCTTCAAGAAATATGACTCTAAGGTCCATCTTTTATATGATCTGCC 540
DB 498 ATTACCTAAGAACCCCTTCAAGAAATATGACTCTAAGGTCCATCTTTTATATGATCTGCC 557
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DB 558 TGAAGTCTATAGATATGCTGCTCTGCCCCCACTGAAGAAGACAGCTTTCAGACTGTCCAATG 617
QY 601 CAACTGCACTCTTCGGGATGTGAATGTCATGTGCGGTACCCAGAGCCAACTCAACTA 660
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QY 661 CGCTCTCTGATGTATTTGGAATACACATCTCGCGGTGTAGTTTTCAGTCACTCTGAT 720
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DB 738 GTCAGTGCAGCCATGCTTTGTTGTAAGAACCCGATCCACCTTAGTGTGTCATATGGAAGT 797
QY 781 CACAGATGATGTAATTTAAAGATTTCTTGGGACAGCCAAACAAATGGGACCAATTTCCGCT 840
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DB 858 TCAATATCAGGTGAAATATTTAGAGAAATTTCTACAAATTTGTAGAGAGGCTGCTGAAATTTGT 917
QY 901 CTCAGCTACATCTCTGCTGTAGACAGTGTCTTCTCGATCTTCAATATGAGGTCCAGGT 960
DB 918 CTCAGCTACATCTCTGCTGTAGACAGTGTCTTCTCGATCTTCAATATGAGGTCCAGGT 977
QY 961 GAGGACGAGAGACTGGATGGTTTCAGGAGTCTGGAGTGACTGGAGTTTCACTTCAAGTCTTT 1020
DB 978 GAGGACGAGAGACTGGATGGTTTCAGGAGTCTGGAGTGACTGGAGTTTCACTTCAAGTCTTT 1037
QY 1021 TACCAACAAGATGTTGTATTTTCCACCCAAAATTTCTGACTAGTGTGGAATCGAATGC 1080
DB 1038 TACCAACAAGATGTTGTATTTTCCACCCAAAATTTCTGACTAGTGTGGAATCGAATGC 1097
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DB 1098 TTCTTTTTCATTCATCAAAAACGAAACGAAATTTATCTCTCAAAACAGATAGTTTG 1157
QY 1141 GTGAGGAAATCTAGCTGAGAAATCCCTGAGATACAGTACAGCATTTGTGAGTGACCGAGT 1200
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DB 1218 TAGCAAGTTACCTTCTCCAACTGAAAGCCACAGACCTCGAGGAAAGTTTACCTATGA 1277
QY 1261 CGCAGTGTACTGCTGCAATGAGCAGGCGTGCCATCACCGCTATGCTGAAATATACGTGAT 1320
DB 1278 CGCAGTGTACTGCTGCAATGAGCAGGCGTGCCATCACCGCTATGCTGAAATATACGTGAT 1337
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DB 1338 CGATGCTCAATATCAATATATCATATGTGAAACTGACGGGTACTTAACTAAATGACTTGCAG 1397
QY 1381 ATGTCACCCAGCACAATCCAACTCATAGTGGGAAGCAGCTGTGACGTGAGGTATCACAG 1440
DB 1398 ATGTCACCCAGCACAATCCAACTCATAGTGGGAAGCAGCTGTGACGTGAGGTATCACAG 1457
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DB 1458 GGCAGCCCTGTATTTGCTGCTGATGTCATCTATTTCATCTCTAGTCTGAGCCCAAAACTG 1517
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DB 1518 CGTCTTACAGAGAGAGCGCTTTTATGAATGTGTTTTCCAGCCAACTTTTCTATTATCTGG 1577
QY 1561 CTATACAAATGTGGATCAGGATCAACCAATTTCTTTAGTTTCACTTGTACTGCCCAACCGTG 1620
DB 1578 CTATACAAATGTGGATCAGGATCAACCAATTTCTTTAGTTTCACTTGTACTGCCCAACCGTG 1637
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DB 1638 TGTCTCTTCTGACTGCTGAGTAAACCACTACTCTTCCATCTTAACGTAAAGCAGAGATTAC 1697
QY 1681 TGTAAACACTGGAATTTATGAAGTATCTTGGGAAAGCCAGTCTTTCCGGGAATAAACCCT 1740
DB 1698 TGTAAACACTGGAATTTATGAAGTATCTTGGGAAAGCCAGTCTTTCCGGGAATAAACCCT 1757
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DB 1758 TCAATTTCCAGATTCGATATGCTTAAAGTGGAAAGAAATACAAATGGAAGACACATGAGGT 1817
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[illegible]

RESULT 9
 US-08-638-524B-1
 ; Sequence 1, Application US/08638524B
 ; Patent No. 6548269
 ; GENERAL INFORMATION:
 ; APPLICANT: Tartaglia, Louis A.
 ; APPLICANT: Pepper, Robert I.
 ; APPLICANT: Culpepper, Janice A.
 ; APPLICANT: White, David W.
 ; TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR THE
 ; TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS, INCLUDING OB
 ; TITLE OF INVENTION: CACHEXIA
 ; NUMBER OF SEQUENCES: 50
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Fish & Richardson, P.C.
 ; STREET: 225 Franklin Street
 ; CITY: Boston
 ; STATE: MA
 ; COUNTRY: US
 ; ZIP: 02110-2804
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: Windows95
 ; SOFTWARE: FastSeq for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/638-524B

FILING DATE: 26-APR-1996
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/599,455
 FILING DATE: 22-JAN-1996
 APPLICATION NUMBER: 08/583,153
 FILING DATE: 28-DEC-1995
 APPLICATION NUMBER: 08/570,142
 FILING DATE: 11-DEC-1995
 APPLICATION NUMBER: 08/569,485
 FILING DATE: 08-DEC-1995
 APPLICATION NUMBER: 08/566,622
 FILING DATE: 04-DEC-1995
 APPLICATION NUMBER: 08/562,663
 FILING DATE: 27-NOV-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Melkielejohn, Ph.D., Anita L.
 REGISTRATION NUMBER: 35,283
 REFERENCE/DOCKET NUMBER: 07334/018001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-542-5070
 TELEFAX: 617-542-8906
 TELEX: 200154
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 3097 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: unknown
 MOLECULE TYPE: CDNA
 FEATURE:
 NAME/KEY: Coding Sequence
 LOCATION: 61...2742
 US-08-638-524B-1

Query Match	98.9%;	Score	2433.4;	DB	4;	Length	3097;
Best Local Similarity	99.8%;	Pred. No.	0;				
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Db	78	CTATGTGGTTTTGTTTACACTGGGAAATTTCTTTATGTGATAGCTGCACCTTAACCTGGCATA	137				
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Qy	181	CTTTCTCTCACTGCTGGAGCCCCCAACAATGCTCGGCTTTCAAGGGGCTTCTGAAGC	240				
Db	198	CTTTCTCTCACTGCTGGAGCCCCCAACAATGCTCGGCTTTCAAGGGGCTTCTGAAGC	257				
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Db	258	AAATGTTGGAAGCTAAATTTAAATTCAGTGGTATCTACGTTCCCTGAGTTATCCAAAACAGT	317				
Qy	301	CTTCCACTGTGTCTGGGAATGAGCAAGGTCAAAACTGCTCTGCACTCAAGACAACAC	360				
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Qy	481	ATTACCTAAGAACCCCTTCAAGAAATTTATGACTCTAAGGTCCTCTTTTATGATCTGCC	540				
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QY 541 TGAAGTCATAGATGATTCGCTCTGCCCCCACTGAAAGACAGCTTTTCAGACTGTCCAATG 600
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 Db 618 CAACTGCACTCTCGGGGATGTAATGTCATGTCGGGTACCCAGAGCCAACTCAACTA 677
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 Db 1218 TAGCAAGTTACTTCTCAACTGAAAGCCACAGACCTCGAGGAAAGTTTACCTATGA 1277
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 Db 1278 CGCAGTGTACTGCTGCAATGACGCGGTGCCATCACCGTATGCTGAATATACGTGAT 1337
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 QY 1381 ATGGTCACCCAGCAATCACTAGTGGGAAGCACTGTGAGCTGAGGTATCAAG 1440
 Db 1398 ATGGTCACCCAGCAATCACTAGTGGGAAGCACTGTGAGCTGAGGTATCAAG 1457
 QY 1441 GGCAGCGCTGATTTGCTCTGATGTCATCTATCTCATCTGAGTGTGAGCCCAAACTG 1500
 Db 1458 GGCAGCGCTGATTTGCTCTGATGTCATCTATCTCATCTGAGTGTGAGCCCAAACTG 1517
 QY 1501 CGTCTTACAGAGAGCGGCTTTTATGAATGTTTCCAGCCAACTTTTCTATATCTCG 1560
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 Db 1578 CTATCAATATGGATCAGATCAACATCTTTTAGTTTCACTTGATCGCCACCAACGTG 1637

QY 1621 TGTCTCTCTGACTCCGTAGTAAACCACTACTCCATCTAACGTAAGACAGAGATTAC 1680
 Db 1638 TGTCTCTCTGACTCCGTAGTAAACCACTACTCCATCTAACGTAAGACAGAGATTAC 1697
 QY 1681 TGTAAACACTGATATTTGAAAGTATCTTGGGAAAGCAAGTCTTTCCGGAGAAATACCT 1740
 Db 1698 TGTAAACACTGATATTTGAAAGTATCTTGGGAAAGCAAGTCTTTCCGGAGAAATACCT 1757
 QY 1741 TCAATTTCCAGATTCGATATGCTTAAAGTGGAAAGAAATACAAATGGAAGACATAGGT 1800
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 QY 1801 ATTCCATCAAAAGTCAAAAGTCTGCCAGCTCTGCTGTGTCAGACCTCTGTGAGTCTATGT 1860
 Db 1818 ATTCCATCAAAAGTCAAAAGTCTGCCAGCTCTGCTGTGTCAGACCTCTGTGAGTCTATGT 1877
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 QY 1921 AGCTTATACGCTTGTATGGAATGTAAGTTCCTATGAGAGGCTGTAATTTTGAGAA 1980
 Db 1938 AGCTTATACGCTTGTATGGAATGTAAGTTCCTATGAGAGGCTGTAATTTTGAGAA 1997
 QY 1981 AATGATGGGACGTTACTAAAAAGGAGAGAAATGTCACTTGTCTTTGGAAGCCCTGAC 2040
 Db 1998 AATGATGGGACGTTACTAAAAAGGAGAGAAATGTCACTTGTCTTTGGAAGCCCTGAC 2057
 QY 2041 GAAAAATGACTCTGTGTAGTGTGAGAGGTACGTGTGAGCATCTGTGAGTCTGAGCAAA 2100
 Db 2058 GAAAAATGACTCTGTGTAGTGTGAGAGGTACGTGTGAGCATCTGTGAGTCTGAGCAAA 2117
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RESULT 10
 US-08-599-455B-42
 ; Sequence 42, Application US/08599455B
 ; Patent No. 5972621
 ; GENERAL INFORMATION:
 ; APPLICANT: Tartaglia, Louis A.
 ; APPLICANT: Tepper, Robert I.
 ; APPLICANT: Culpepper, Janice A.
 ; TITLE OF INVENTION: METHODS OF IDENTIFYING COMPOUNDS THAT
 ; TITLE OF INVENTION: MODULATE BODY WEIGHT USING THE OB RECEPTOR
 ; NUMBER OF SEQUENCES: 44
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Fish & Richardson, P.C.
 ; STREET: 225 Franklin Street
 ; CITY: Boston
 ; STATE: MA

/ COUNTRY: US
/ ZIP: 02110-2804
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: Windows95
/ SOFTWARE: FastSeq for Windows Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/599,455B
/ FILING DATE: 22-JAN-1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/583,153
/ FILING DATE: 28-DEC-1995
/ APPLICATION NUMBER: 08/570,142
/ FILING DATE: 11-DEC-1995
/ APPLICATION NUMBER: 08/569,485
/ FILING DATE: 08-DEC-1995
/ APPLICATION NUMBER: 08/566,622
/ FILING DATE: 04-DEC-1995
/ APPLICATION NUMBER: 08/562,663
/ FILING DATE: 27-NOV-1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Meiklejohn, Ph.D., Anita L.
/ REGISTRATION NUMBER: 35,283
/ REFERENCE/DOCKET NUMBER: 07334/017001
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 617-542-5070
/ TELEFAX: 617-542-8906
/ TELEX: 200154
/ INFORMATION FOR SEQ ID NO: 42:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 3854 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ FEATURE:
/ NAME/KEY: Coding Sequence
/ LOCATION: 61...3546
/ US-08-599-455B-42

Query Match 98.9%; Score 2433.4; DB 2; Length 3854;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 2437; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY	1	GAGGAATCGTTCTGCAAAATCCAGGTGACACCTCTGAAGAAAGATGATGTGCAGAAAT	60
DB	18	GAGGAATCGTTCTGCAAAATCCAGGTGACACCTCTGAAGAAAGATGATGTGCAGAAAT	77
QY	61	CTATGTGGTTTGTACACTGGGAATTTCTTTATGTGATAGCTGCACCTTAACCTGGCATA	120
DB	78	CTATGTGGTTTGTACACTGGGAATTTCTTTATGTGATAGCTGCACCTTAACCTGGCATA	137
QY	121	TCCAATCTCTCCCTGGAAATTTAAGTTGTTGTGGACCAACCGAACAACCGATGACTC	180
DB	138	TCCAATCTCTCCCTGGAAATTTAAGTTGTTGTGGACCAACCGAACAACCGATGACTC	197
QY	181	CTTTCTCTCAGCTGTGGAGCCCCAAACAATGCCTCGGCTTTGAAGGGGGCTTCTGAAGC	240
DB	198	CTTTCTCTCAGCTGTGGAGCCCCAAACAATGCCTCGGCTTTGAAGGGGGCTTCTGAAGC	257
QY	241	AATTGTTGAGCTAAATTTAAATCAAGTGGTATCTACGTTCTGAGTTATCCAAACAGT	300
DB	258	AATTGTTGAGCTAAATTTAAATCAAGTGGTATCTACGTTCTGAGTTATCCAAACAGT	317
QY	301	CTTCCACTGTTGCTTTGGGAATGAGCAAGGTCAAAACTGCTCTGCACTCACAGACAACAC	360
DB	318	CTTCCACTGTTGCTTTGGGAATGAGCAAGGTCAAAACTGCTCTGCACTCACAGACAACAC	377
QY	361	TGAAGGGAAGACACTGGCTTCAGTAGTAGTAAGGCTTCAGTTTTTCGCCAGCTAGGTGTAA	420
DB	378	TGAAGGGAAGACACTGGCTTCAGTAGTAGTAAGGCTTCAGTTTTTCGCCAGCTAGGTGTAA	437

QY	421	CTGGACATAGAGTGTGGATGAAGGGGACTTGACATTATTTTCATCTCTCATATGGAGCC	480
DB	438	CTGGACATAGAGTGTGGATGAAGGGGACTTGACATTATTTTCATCTCTCATATGGAGCC	497
QY	481	ATTACCTAAGAACCCCTTTCAAGAAATTAAGTCTCTAAGGTCCATCTTTTATATGATCTGCC	540
DB	498	ATTACCTAAGAACCCCTTTCAAGAAATTAAGTCTCTAAGGTCCATCTTTTATATGATCTGCC	557
QY	541	TGAAGTCAATAGATGATTCGCTCTGCCCCCACTGAAGACAGAGCTTTAGAGCTGTCCAATG	600
DB	558	TGAAGTCAATAGATGATTCGCTCTGCCCCCACTGAAGACAGAGCTTTAGAGCTGTCCAATG	617
QY	601	CAACTGCAGTCTTCGGGATGTGAATGTGTCGCGTACCCAGAGCAAACTCAACTA	660
DB	618	CAACTGCAGTCTTCGGGATGTGAATGTGTCGCGTACCCAGAGCAAACTCAACTA	677
QY	661	CGCTCTTCTGATGTATTTGGAAATCACATCTGCCGGTGTGAGTTTTCAGTCACTCTGAT	720
DB	678	CGCTCTTCTGATGTATTTGGAAATCACATCTGCCGGTGTGAGTTTTCAGTCACTCTGAT	737
QY	721	GTCACTGCAGCCCATGCTTGTGTGAACCCGATCCACCCTTAGGTTTGCATATGGAAGT	780
DB	738	GTCACTGCAGCCCATGCTTGTGTGAACCCGATCCACCCTTAGGTTTGCATATGGAAGT	797
QY	781	CACAGATGATGTAATTTAAAGATTTCTTGGACAGCCAAACAATGGCACCATTTCCGCT	840
DB	798	CACAGATGATGTAATTTAAAGATTTCTTGGACAGCCAAACAATGGCACCATTTCCGCT	857
QY	841	TCAATATCAGGTGAAATATTTAGAGAAATTTCAATTTGTAAGAGAGGCTGCTGAAATGT	900
DB	858	TCAATATCAGGTGAAATATTTAGAGAAATTTCAATTTGTAAGAGAGGCTGCTGAAATGT	917
QY	901	CTCAGCTACATCTCTGCTGTAGACAGTGTCTCTGGATCTTCATATAGAGTCCAGGT	960
DB	918	CTCAGCTACATCTCTGCTGTAGACAGTGTCTCTGGATCTTCATATAGAGTCCAGGT	977
QY	961	GAGGACAAAGAGACTGGATGTTTCAGGAGTCTCGAGTGCATGGAGTTCCACCTCAAGTCTT	1020
DB	978	GAGGACAAAGAGACTGGATGTTTCAGGAGTCTCGAGTGCATGGAGTTCCACCTCAAGTCTT	1037
QY	1021	TACCACACAAGATGTTGTATTTTCCACCAAAATTTCTGACTAGTGTGGATCGAATGC	1080
DB	1038	TACCACACAAGATGTTGTATTTTCCACCAAAATTTCTGACTAGTGTGGATCGAATGC	1097
QY	1081	TTCTTTTCATTTGCATCTACAAAAACGAAACACAGATTATCTCTCAAAACAGATAGTTTG	1140
DB	1098	TTCTTTTCATTTGCATCTACAAAAACGAAACACAGATTATCTCTCAAAACAGATAGTTTG	1157
QY	1141	GTGAGGGAATCTAGCTGAGAAAAATCCCTGAGATACAGTACAGCATTTGTGAGTGACCGAGT	1200
DB	1158	GTGAGGGAATCTAGCTGAGAAAAATCCCTGAGATACAGTACAGCATTTGTGAGTGACCGAGT	1217
QY	1201	TAGCAAAAGTTACCTTCTCCAACTGAAAGCCACAGACCTCTCGAGGGAAGTTTACCTATGA	1260
DB	1218	TAGCAAAAGTTACCTTCTCCAACTGAAAGCCACAGACCTCTCGAGGGAAGTTTACCTATGA	1277
QY	1261	CGAGTGTACTGCTGCAATAGCAGGCGTGCATCACCGCTATGCTGAAATATAGCTGAT	1320
DB	1278	CGAGTGTACTGCTGCAATAGCAGGCGTGCATCACCGCTATGCTGAAATATAGCTGAT	1337
QY	1321	CGATGTCAATATCAATATATCATGTGAAACTGAGGGGTACTTAATAAATGACTTGCAG	1380
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QY	1381	ATGGTCAACCCAGCAATCCAAATCACTAGTGGGAAGCACTGTGAGCTGAGGTATCAAG	1440
DB	1398	ATGGTCAACCCAGCAATCCAAATCACTAGTGGGAAGCACTGTGAGCTGAGGTATCAAG	1457
QY	1441	CGCAGAGCTGTATTTGCTCTGATAGTCCATCTATTCATCTCTACGCTTGAGCCCAAACTG	1500
DB	1458	CGCAGAGCTGTATTTGCTCTGATAGTCCATCTATTCATCTCTACGCTTGAGCCCAAACTG	1517
QY	1501	CGTCTTACAGAGAGCGGCTTTTATGAATGTGTTTTCAGGCCAATCTTTTCTATTATCTGG	1560

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1518 CGTCTTACAGAGACGGCTTTTATGAATGTGTTTCCAGCCAATCTTCTATTATCTGG 1577
1561 CTATACAATGTGATCAGATCAACCATCTTTAGGTTCACTTGTAGTCCGCCACCAAGTG 1620
1578 CTATACAATGTGATCAGATCAACCATCTTTAGGTTCACTTGTAGTCCGCCACCAAGTG 1637
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1638 TGTCTCTTCTGATCCGTTAGTAAACCACTACCTCCATCTAAACGTAAGAGAGAGATTAC 1697
1681 TGTAAACACTGGATTATGAAGATATCTTTGGGAAAGCCAGTCTTTCCGGAGAAATACCT 1740
1698 TGTAAACACTGGATTATGAAGATATCTTTGGGAAAGCCAGTCTTTCCGGAGAAATACCT 1757
1741 TCAATTCAGATTCGATATGGCTTAAGTGGAAAGAAATACATGTAAGAGAGAGAGATG 1800
1758 TCAATTCAGATTCGATATGGCTTAAGTGGAAAGAAATACATGTAAGAGAGAGATG 1817
1801 ATTGATGCAAAAGTCAAAAGTCTGCCAGCCTGCTGTGTGTCAGACCTCTGTGCACTATGT 1860
1818 ATTGATGCAAAAGTCAAAAGTCTGCCAGCCTGCTGTGTGTCAGACCTCTGTGCACTATGT 1877
1861 GGTCCAGGTTCCGTCGCGCGGTGGATGGAATAGGATATTCGAGTAATTCGAGCAGTCC 1920
1878 GGTCCAGGTTCCGTCGCGCGGTGGATGGAATAGGATATTCGAGTAATTCGAGCAGTCC 1937
1921 AGCCTATACGTTGTCATGATGTAAGTAAAGTCTTCTATGAGAGCGCTGAAATTTGAGAAA 1980
1938 AGCCTATACGTTGTCATGATGTAAGTAAAGTCTTCTATGAGAGCGCTGAAATTTGAGAAA 1997
1981 AATGATGGGAGCTTACTAAAAAGAGAGAAATGTCACCTTCTGTTGGAAGCCCTGAC 2040
1998 AATGATGGGAGCTTACTAAAAAGAGAGAAATGTCACCTTCTGTTGGAAGCCCTGAC 2057
2041 GAAAAATGACTCACTGTGTAGTGTGAGGAGGTACGTTGTGAAGCATCGTACTGCCCCAA 2100
2058 GAAAAATGACTCACTGTGTAGTGTGAGGAGGTACGTTGTGAAGCATCGTACTGCCCCAA 2117
2101 TGGGACGTTGTCAGAGATGTTGGGAAATCGGACCAATCTCATTCTCTGTGAGCAGAAC 2160
2118 TGGGACGTTGTCAGAGATGTTGGGAAATCGGACCAATCTCATTCTCTGTGAGCAGAAC 2177
2161 AGCGCACACTGTTACAGTTCGGCTGTCAATTCCTCGGCGCTTCCCTTGTGAATTTAA 2220
2178 AGCGCACACTGTTACAGTTCGGCTGTCAATTCCTCGGCGCTTCCCTTGTGAATTTAA 2237
2221 CCTTACCTTCTCATGCCCCATGATGAAGTGAAGTGTCTGTGAGTCACTCAGTGTATATCC 2280
2238 CCTTACCTTCTCATGCCCCATGATGAAGTGAAGTGTCTGTGAGTCACTCAGTGTATATCC 2297
2281 CCTGAGCAGCAGTGTGATCATCTTCTTGGACACTGTGAGTCACTCAGTGTATATATCTGTT 2340
2298 CCTGAGCAGCAGTGTGATCATCTTCTTGGACACTGTGAGTCACTCAGTGTATATATCTGTT 2357
2341 ATATCTGTTTATGAATGAAGATCCTTAATGAAGATGATGAAGTGAAGTGAAGTGAAGT 2400
2358 ATATCTGTTTATGAATGAAGATCCTTAATGAAGATGATGAAGTGAAGTGAAGTGAAGT 2417
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2418 TCCCTCGAATGTTAAAAAGTTTTTATATCCAGTAATTTTATT 2460

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RESULT 11

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US-09-069-781B-42
; Sequence 42, Application US/09069781B
; Patent No. 6287782
; GENERAL INFORMATION:
; APPLICANT: Tartegeia, Louis A.
; APPLICANT: Tepper, Robert I.
; APPLICANT: Culpepper, Janice A.
; APPLICANT: White, David W.

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; TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR
; TITLE OF INVENTION: THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS,
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/069,781B
; FILING DATE: 29-APRIL-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/864,564
; FILING DATE: 28-MAY-1997
; APPLICATION NUMBER: US 08/708,123
; FILING DATE: 03-SEP-1996
; APPLICATION NUMBER: US 08/638,524
; FILING DATE: 26-APR-1996
; APPLICATION NUMBER: US 08/599,455
; FILING DATE: 22-JAN-1996
; APPLICATION NUMBER: US 08/583,153
; FILING DATE: 28-DEC-1995
; APPLICATION NUMBER: US 08/570,142
; FILING DATE: 11-DEC-1995
; APPLICATION NUMBER: US 08/569,485
; FILING DATE: 08-DEC-1995
; APPLICATION NUMBER: US 08/566,622
; FILING DATE: 04-DEC-1995
; APPLICATION NUMBER: US 08/562,663
; FILING DATE: 27-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Meiklejohn, Ph.D., Anita L.
; REGISTRATION NUMBER: 35,283
; REFERENCE/DOCKET NUMBER: 07334/082001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3854 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: unknown
; MOLECULE TYPE: cdna
; FEATURE:
; NAME/KEY: Coding Sequence
; LOCATION: 61...3546
; US-09-069-781B-42

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Query Match 98.9%; Score 2433.4; DB 3; Length 3854;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 2437; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

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QY 1 GAGGAATCGTTCTGCAAAATCCAGGTGTACACCTCTGAAGAAGATGATGTGTCAGAAATT 60
DB 18 GAGGAATCGTTCTGCAAAATCCAGGTGTACACCTCTGAAGAAGATGATGTGTCAGAAATT 77
QY 61 CTATGTGTTTGTGTACACTGGGAATTTCTTTATGTAGTAGTGCACCTTAACCTCGCAT 120
DB 78 CTATGTGTTTGTGTACACTGGGAATTTCTTTATGTAGTAGTGCACCTTAACCTCGCAT 137
QY 121 TCCAAATCTCTCCCTGGAAATTTAAAGTTGTTTGTGGACCCGACCAACACCGATGACTC 180
DB 138 TCCAAATCTCTCCCTGGAAATTTAAAGTTGTTTGTGGACCCGACCAACACCGATGACTC 197

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QY	181	CTTTCTCTCACTGCTGGAGCCCAAAACAAATGCCCTCGCGCTTTGAAAGGGGGCTTCTGGAAGC	240
Db	198	CTTTCTCTCACCTGCTGGAGCCCAAAACAAATGCCCTCGCGCTTTGAAAGGGGGCTTCTGGAAGC	257
QY	241	AAATGCTGAAGCTAAATTTAAATTCAGTGGTATCTACGTTCTGAGTTATCCAAACAGT	300
Db	258	AAATGCTGAAGCTAAATTTAAATTCAGTGGTATCTACGTTCTGAGTTATCCAAACAGT	317
QY	301	CTTCCACTGTTGCTTTGGGAATGAGCAAGGTCAAAACTGCTCTGCACCTCACAGACAAAC	360
Db	318	CTTCCACTGTTGCTTTGGGAATGAGCAAGGTCAAAACTGCTCTGCACCTCACAGACAAAC	377
QY	361	TGAAGGGAAGACACTGGCTTCAAGTGTAGTGAAGGCTTCAAGTTTTCGCGAGTGTGTTAAA	420
Db	378	TGAAGGGAAGACACTGGCTTCAAGTGTAGTGAAGGCTTCAAGTTTTCGCGAGTGTGTTAAA	437
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QY	721	GTCACTGCAAGCCATGCTTTGTTGTAACCCGATCCACCCCTTAGTGTGTCATATGGAAGT	780
Db	738	GTCACTGCAAGCCATGCTTTGTTGTAACCCGATCCACCCCTTAGTGTGTCATATGGAAGT	797
QY	781	CACAGATGATGTAATTTAAAGATTTCTGGGACAGCCAAACAAATGGCACCATTTCCGCT	840
Db	798	CACAGATGATGTAATTTAAAGATTTCTGGGACAGCCAAACAAATGGCACCATTTCCGCT	857
QY	841	TCAATATCAGGTGAAATATTATAGAAATTTCTACAAATTTGTAAGAGAGGCTGCTGAAATTTG	900
Db	858	TCAATATCAGGTGAAATATTATAGAAATTTCTACAAATTTGTAAGAGAGGCTGCTGAAATTTG	917
QY	901	CTCAGTACATCTCTGCTGGTACAGAGTGTGCTTCTGGATCTTCATATGAGGTCCAGT	960
Db	918	CTCAGTACATCTCTGCTGGTACAGAGTGTGCTTCTGGATCTTCATATGAGGTCCAGT	977
QY	961	GAGGAGCAAGACACTGGATGTTTCAAGGCTTGGAGTGTGAGTTCACCTCAAGTCTT	1020
Db	978	GAGGAGCAAGACACTGGATGTTTCAAGGCTTGGAGTGTGAGTTCACCTCAAGTCTT	1037
QY	1021	TACCACACAAGATGTTGTGTAATTTTCCACCCCAAAATTTCTGACTGTGTTGGATCGAATGC	1080
Db	1038	TACCACACAAGATGTTGTGTAATTTTCCACCCCAAAATTTCTGACTGTGTTGGATCGAATGC	1097
QY	1081	TTCTTTTCTATGATCTACAAAAAGAAACAGATTTATCTCTCAAAACAGATAGTTTG	1140
Db	1098	TTCTTTTCTATGATCTACAAAAAGAAACAGATTTATCTCTCAAAACAGATAGTTTG	1157
QY	1141	GTGGAGGAATCTAGCTGAGAAATCCCTGAGATACAGTACAGATTTGTGAGTGACCGAGT	1200
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QY	1321	CGATGTCAATATCAATATATCATGTGAAACTGACGGGTACTTAACTAAAATGACTTGCAG	1380
Db	1338	CGATGTCAATATCAATATATCATGTGAAACTGACGGGTACTTAACTAAAATGACTTGCAG	1397
QY	1381	ATGFTACCCAGCACAATCCAAATCACTAGTGGGAAGCACTGTGACGCTGAGGTATCAAG	1440
Db	1398	ATGFTACCCAGCACAATCCAAATCACTAGTGGGAAGCACTGTGACGCTGAGGTATCAAG	1457
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QY	1501	CGTCTTACAGAGACGGCTTTTATGAATGTGTTTCCAGGCCAATCTTTTCTATTATCTGG	1560
Db	1518	CGTCTTACAGAGACGGCTTTTATGAATGTGTTTCCAGGCCAATCTTTTCTATTATCTGG	1577
QY	1561	CTATACAATGTGGATCAAGATCAACCATTTTATAGTTTCACTTGACTCGCCACCAAGCTG	1620
Db	1578	CTATACAATGTGGATCAAGATCAACCATTTTATAGTTTCACTTGACTCGCCACCAAGCTG	1637
QY	1621	TGTCCTTCTGACTCCGCTAGTAAACCACTACCTCCATCTAACTGTAAGCAGAGATTAC	1680
Db	1638	TGTCCTTCTGACTCCGCTAGTAAACCACTACCTCCATCTAACTGTAAGCAGAGATTAC	1697
QY	1681	TGTAACAACCTGGATTTTGAAGATATCTTGGGAAAAGCCAGTCTTTCGGGAGATAAACC	1740
Db	1698	TGTAACAACCTGGATTTTGAAGATATCTTGGGAAAAGCCAGTCTTTCGGGAGATAAACC	1757
QY	1741	TCAATTCAGATTCGATATGCTTAAAGTGGAAAAGAAATACAAATGGAAGACACATGAGT	1800
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QY	1801	ATTGATGCAAGGTCAAGTCTGCCAGCTGCTGCTGTGACAGCTCTGCTGAGCTATGT	1860
Db	1818	ATTGATGCAAGGTCAAGTCTGCCAGCTGCTGCTGTGACAGCTCTGCTGAGCTATGT	1877
QY	1861	GGTCCAGGTTCCGCTCCGCGGTTGGATGGACTAGGATATTTGGAGTAAATTTGGAGCAGTCC	1920
Db	1878	GGTCCAGGTTCCGCTCCGCGGTTGGATGGACTAGGATATTTGGAGTAAATTTGGAGCAGTCC	1937
QY	1921	AGCCTATACGCTTGTATGGAATGTAAGATTCCTATGAGAGGCTGTAATTTTGAGAGAA	1980
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Db	2178	AGCGCACACTGTGTACAGTTCTGCTGCTCAATTTCCCTCGGCGCTTCCCTGTGAAATTTTAA	2237
QY	2221	CTTTACCTTCTCATGGCCCATGAGTAAAGTGTGAGTGTCTGTGGAGTCACTCAGTGTCTTCC	2280
Db	2238	CTTTACCTTCTCATGGCCCATGAGTAAAGTGTGAGTGTCTGTGGAGTCACTCAGTGTCTTCC	2297
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Db	2298	CCTGAGCAGAGCTGTGTCTCTTCTGACACTGTCTCTGACACTGTCTGATGATTTAGTCTGT	2357
QY	2341	ATATCTGTTATTGAATGGAAGATCTCTTAATGAAGATGATGGAATGAAGTGGCTTAGAAT	2400

Db 2358 ATATCTGGTTATTAATGAATGAATCCTTAATGAAGATGATGAATGAATGCTTTAGAA 2417
Qy 2401 TCCCTCGAATGTTAAAGCTTTTATATCCACGGTATGTACT 2443
Db 2418 TCCCTCGAATGTTAAAGCTTTTATATCCACGATAATTTTAT 2460

RESULT 12

US-09-137-132-42
; Sequence 42, Application US/09137132
; Patent No. 6380363
; GENERAL INFORMATION:
; APPLICANT: Tartaglia, Louis A.
; APPLICANT: Tepper, Robert I.
; APPLICANT: Culpepper, Janice A.
; APPLICANT: White, David W.
; TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR
; TITLE OF INVENTION: THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS,
; TITLE OF INVENTION: INCLUDING OBESITY AND CACHEXIA
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: PastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/137,132
; FILING DATE: 18-AUG-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/864,564
; FILING DATE: 28-MAY-1997
; APPLICATION NUMBER: 08/708,123
; FILING DATE: 03-SEP-1996
; APPLICATION NUMBER: 08/638,524
; FILING DATE: 26-APR-1996
; APPLICATION NUMBER: 08/599,455
; FILING DATE: 22-JAN-1996
; APPLICATION NUMBER: 08/583,153
; FILING DATE: 28-DEC-1995
; APPLICATION NUMBER: 08/570,142
; FILING DATE: 11-DEC-1995
; APPLICATION NUMBER: 08/569,485
; FILING DATE: 08-DEC-1995
; APPLICATION NUMBER: 08/566,622
; FILING DATE: 04-DEC-1995
; APPLICATION NUMBER: 08/562,663
; FILING DATE: 27-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Meiklejohn, Ph.D.; Anita L.
; REGISTRATION NUMBER: 35,283
; REFERENCE/DOCKET NUMBER: 07334/019004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3854 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA
; NAME/KEY: Coding Sequence
; LOCATION: 61...3546

US-09-137-132-42
Query Match 98.9%; Score 2433.4; DB 3; Length 3854;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 2437; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
Qy 1 GAGGAATCGTTCTGCAAAATCCAGGTGTACACCTCTGAAGAAGATGATGTGTGAGAAAT 60
Db 18 GAGGAATCGTTCTGCAAAATCCAGGTGTACACCTCTGAAGAAGATGATGTGTGAGAAAT 77
Qy 61 CTATGTGGTTTTGTATACACTGGGAATTTCTTTATGTGTAGCTGCACCTTAACCTGGCATA 120
Db 78 CTATGTGGTTTTGTATACACTGGGAATTTCTTTATGTGTAGCTGCACCTTAACCTGGCATA 137
Qy 121 TCCAATCTCTCCCTGGAAATTTAAAGTTGTTGTTGACCAACCGCAACACACCGATGACTC 180
Db 138 TCCAATCTCTCCCTGGAAATTTAAAGTTGTTGTTGACCAACCGCAACACACCGATGACTC 197
Qy 181 CTTTCTCTCACCTGCTGGAGCCCCAAACAAATTCGCTCGGCTTTGAAGGGGGCTTCTGAAGC 240
Db 198 CTTTCTCTCACCTGCTGGAGCCCCAAACAAATTCGCTCGGCTTTGAAGGGGGCTTCTGAAGC 257
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Db 258 AATTGTTGAAGCTAAATTTAAATTTCAAGTGGTATCTACGTTCTGTAGTTATCAAAACAGT 317
Qy 301 CTTCCACTGTTGCTTTGGGAATGAGCAAGGTCAAAACTGCTGCACTCACAGACAAACAC 360
Db 318 CTTCCACTGTTGCTTTGGGAATGAGCAAGGTCAAAACTGCTGCACTCACAGACAAACAC 377
Qy 361 TGAAGGGAAGACACACTGGCTTCAGTAGTGAAGGCTTCAGTTTTGCGCCAGCTAGGTGTAAA 420
Db 378 TGAAGGGAAGACACACTGGCTTCAGTAGTGAAGGCTTCAGTTTTGCGCCAGCTAGGTGTAAA 437
Qy 421 CTGGGACATAGAGTGTGGATGAAAGGGGACTTGACATATTATTCATCTGTATATGGAGCC 480
Db 438 CTGGGACATAGAGTGTGGATGAAAGGGGACTTGACATATTATTCATCTGTATATGGAGCC 497
Qy 481 ATTACCTAAGAACCCCTTCAAGAAATTAAGTCTTAAGGTCCTATTTTATATGATCTGCC 540
Db 498 ATTACCTAAGAACCCCTTCAAGAAATTAAGTCTTAAGGTCCTATTTTATATGATCTGCC 557
Qy 541 TGAAGTCAATAGATGATTCGCCCTCTGCCCCCACTGAAAGACAGCTTTTCAGACTGTCCAATG 600
Db 558 TGAAGTCAATAGATGATTCGCCCTCTGCCCCCACTGAAAGACAGCTTTTCAGACTGTCCAATG 617
Qy 601 CAACCTGCACTCTTCGGGATGTGAATGTGTCATGTCGGGTACCCAGAGCCAAACTCAACTA 660
Db 618 CAACCTGCACTCTTCGGGATGTGAATGTGTCATGTCGGGTACCCAGAGCCAAACTCAACTA 677
Qy 661 CGCTCTTCTGATGTATTTGGAAATCAATCTGCGGTTGAGTTTTCAGTCACTCTGAT 720
Db 678 CGCTCTTCTGATGTATTTGGAAATCAATCTGCGGTTGAGTTTTCAGTCACTCTGAT 737
Qy 721 GTCACCTGAGCCCATGCTTGTGTGAACCCGATCCACCTTAGGTTTGCATATGGAAGT 780
Db 738 GTCACCTGAGCCCATGCTTGTGTGAACCCGATCCACCTTAGGTTTGCATATGGAAGT 797
Qy 781 CACAGATGATGGTAATTTAAAGATTTCTTGGGACAGCCAAACAAATGGCCCACTTCCCGCT 840
Db 798 CACAGATGATGGTAATTTAAAGATTTCTTGGGACAGCCAAACAAATGGCCCACTTCCCGCT 857
Qy 841 TCAATATCAGGTGAATATTTAGAGAAATTTACAAATTTGAAGAGGCTGCTGAATTTGT 900
Db 858 TCAATATCAGGTGAATATTTAGAGAAATTTACAAATTTGAAGAGGCTGCTGAATTTGT 917
Qy 901 CTCAGCTACATCTCTGCTGGTAGACAGTGTCTTCTGATCTTCCATATGAGGTCCAGT 960
Db 918 CTCAGCTACATCTCTGCTGGTAGACAGTGTCTTCTGATCTTCCATATGAGGTCCAGT 977
Qy 961 GAGGACGAAGAGACTGGATGGTTCAGGAGTCTGGAGTGAATGGAGTTCACCTCAAGTCTT 1020
Db 978 GAGGACGAAGAGACTGGATGGTTCAGGAGTCTGGAGTGAATGGAGTTCACCTCAAGTCTT 1037

Qy	1021	TACCACACAAGATGTTGTGTAATTTTTCACCCAAAATTTCTGACTAGTGTGTTGGATCGAATGC	1081
Db	1038	TACCACACAAGATGTTGTGTAATTTTTCACCCAAAATTTCTGACTAGTGTGTTGGATCGAATGC	1097
Qy	1081	TTCTTTTTCATTGCAATCTACAAAAACGAAAAACGAGATTATCTCTCTCAAAAACAGATAGTTTG	1140
Db	1098	TTCTTTTTCATTGCAATCTACAAAAACGAAAAACGAGATTATCTCTCTCAAAAACAGATAGTTTG	1157
Qy	1141	GTGGAGCAATCTAGCTCAGAAAAATCCCTGAGATACAGTACAGCATTTGTGTAGTGCACGAGT	1200
Db	1158	GTGGAGCAATCTAGCTCAGAAAAATCCCTGAGATACAGTACAGCATTTGTGTAGTGCACGAGT	1217
Qy	1201	TAGCAAAAGTTTACCTTCTTCCAACTGAAAGCCAACAGACCTCGAGGGAAGTTTACCTTATGA	1260
Db	1218	TAGCAAAAGTTTACCTTCTTCCAACTGAAAGCCAACAGACCTCGAGGGAAGTTTACCTTATGA	1277
Qy	1261	CGCAGTGTACTGCTGCAATGAGCAGGCGTGCCATCACCGTATGCTGAAATTAACGTTGAT	1320
Db	1278	CGCAGTGTACTGCTGCAATGAGCAGGCGTGCCATCACCGTATGCTGAAATTAACGTTGAT	1337
Qy	1321	CGATGTCAAATATCAATATATCATGTGAAACTGACGGGTACTTAACTTAAATGACTTGCAG	1380
Db	1338	CGATGTCAAATATCAATATATCATGTGAAACTGACGGGTACTTAACTTAAATGACTTGCAG	1397
Qy	1381	ATGCTCACCCAGACAAATCCAATCAGTGTGGAAGCAGCTGTGCAGCTGAGGTATCACAG	1440
Db	1398	ATGCTCACCCAGACAAATCCAATCAGTGTGGAAGCAGCTGTGCAGCTGAGGTATCACAG	1457
Qy	1441	GCGCAGCCTGTAATGCTCGATAGTCCATCTATTCATCTGAGCGCCCAAAAACCTG	1500
Db	1458	GCGCAGCCTGTAATGCTCGATAGTCCATCTATTCATCTGAGCGCCCAAAAACCTG	1517
Qy	1501	CGTCTTACAGAGAGACGGCTTTTATGAAATGTGTTTCCAGGCAATCTTTCTATATCTGG	1560
Db	1518	CGTCTTACAGAGAGACGGCTTTTATGAAATGTGTTTCCAGGCAATCTTTCTATATCTGG	1577
Qy	1561	CTATACAATGTGAATCAGGATCAACCAATCTTTAGGTTTCACTTGTGACCTGCGCCACCAACGTG	1620
Db	1578	CTATACAATGTGAATCAGGATCAACCAATCTTTAGGTTTCACTTGTGACCTGCGCCACCAACGTG	1637
Qy	1621	TGTCCTTCTGACTCCGTAGTAAACCACTACCTCCAATCTAACGTAAAGCAGAGATTAC	1680
Db	1638	TGTCCTTCTGACTCCGTAGTAAACCACTACCTCCAATCTAACGTAAAGCAGAGATTAC	1697
Qy	1681	TGTAACACATGGATATTGAAAGTATCTTGGGAAAAGCCAGTCTTTCCGGAGAAATTAACCT	1740
Db	1698	TGTAACACATGGATATTGAAAGTATCTTGGGAAAAGCCAGTCTTTCCGGAGAAATTAACCT	1757
Qy	1741	TCAATTCCAGATTCGATCGCTTAACTGAGAAAGAAATCAATGGAAGCACATCAGGT	1800
Db	1758	TCAATTCCAGATTCGATCGCTTAACTGAGAAAGAAATCAATGGAAGCACATCAGGT	1817
Qy	1801	ATTTCGATGCAAAAGTCAAAGTCTGCCAGCTGCTGGTGTGACAGCTCTGTGCACTCTATGT	1860
Db	1818	ATTTCGATGCAAAAGTCAAAGTCTGCCAGCTGCTGGTGTGACAGCTCTGTGCACTCTATGT	1877
Qy	1861	GGTCCAGGTTCCGCTGCCGGCGGTTGGATGGAATAGGATATTTGGAGTAATTTGGAGCAGTCC	1920
Db	1878	GGTCCAGGTTCCGCTGCCGGCGGTTGGATGGAATAGGATATTTGGAGTAATTTGGAGCAGTCC	1937
Qy	1921	AGCCTATACCTTGTCAATGGAATGTAAAGTTCCCTATGAGAGGGCCTGAAATTTTGGAGAAA	1980
Db	1938	AGCCTATACCTTGTCAATGGAATGTAAAGTTCCCTATGAGAGGGCCTGAAATTTTGGAGAAA	1997
Qy	1981	AATGGATGGGACGTTTACTAAAAAGGAGAGAAATGTCACTTGTCTTTGGAAAGCCCTGTAC	2040
Db	1998	AATGGATGGGACGTTTACTAAAAAGGAGAGAAATGTCACTTGTCTTTGGAAAGCCCTGTAC	2057
Qy	2041	GAAAAATGACTCACTGTGTAAGTGTGAGGAGGGTACGTGGTGAAAGCATCTGTACTGCCCAAA	2100
Db	2058	GAAAAATGACTCACTGTGTAAGTGTGAGGAGGGTACGTGGTGAAAGCATCTGTACTGCCCAAA	2117

RESULT 13
US-08-864-564A-42
; Sequence 42, Application US/08864564A
; Patent No. 6395498
; GENERAL INFORMATION:
; APPLICANT: Tartaglia, Louis A.
; APPLICANT: Pepper, Robert I.
; APPLICANT: Culpepper, Janice A.
; APPLICANT: White, David W.
; TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR
; TITLE OF INVENTION: THE DIAGNOSIS AND TREATMENT OF BODY
; TITLE OF INVENTION: INCLUDING OBESITY AND CACHEXIA
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: Fatseq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/864,564A
; FILING DATE: 28-MAY-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/708,123
; FILING DATE: 03-SEP-1996
; APPLICATION NUMBER: 08/638,524
; FILING DATE: 26-APR-1996
; APPLICATION NUMBER: 08/599,455
; FILING DATE: 22-JAN-1996
; APPLICATION NUMBER: 08/583,153
; FILING DATE: 28-DEC-1995
; APPLICATION NUMBER: 08/570,142
; FILING DATE: 11-DEC-1995
; APPLICATION NUMBER: 08/569,485
; FILING DATE: 08-DEC-1995
; APPLICATION NUMBER: 08/566,622
; FILING DATE: 04-DEC-1995
; APPLICATION NUMBER: 08/562,663
; FILING DATE: 27-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Meiklejohn, Ph.D., Anita L.
; REGISTRATION NUMBER: 35,283

REFERENCE/DOCKET NUMBER: 07334/019002

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-542-5070

TELEFAX: 617-542-8906

TELEX: 200154

INFORMATION FOR SEQ ID NO: 42:

SEQUENCE CHARACTERISTICS:

LENGTH: 3854 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: unknown

MOLECULE TYPE: cDNA

FEATURE:

NAME/KEY: Coding Sequence

LOCATION: 61...3546

US-08-864-564A-42

Query Match 98.9%; Score 2433.4; DB 3; Length 3854;

Best Local Similarity 99.8%; Pred. No. 0;

Matches 2437; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY	1	GAGGATCGTCTGCAATCCAGGTGTACACCTCTGAAGAAAGATGATGTGCAGAAAT	60
DB	18	GAGGAATCGTCTGCAATCCAGGTGTACACCTCTGAAGAAAGATGATGTGCAGAAAT	77
QY	61	CTATGTGGTGTGTACACTGGGAATTTCTTATGTGATAGCTGCACCTTAACCTGGCATA	120
DB	78	CTATGTGGTGTGTACACTGGGAATTTCTTATGTGATAGCTGCACCTTAACCTGGCATA	137
QY	121	TCCATCTCTCCCTGGAAATTTAAGTGTGTTTGTGGACACCGAACACAAACCGATGACTC	180
DB	138	TCCATCTCTCCCTGGAAATTTAAGTGTGTTTGTGGACACCGAACACAAACCGATGACTC	197
QY	181	CTTCTCTCACCTGCTGGAGCCCAACAACTAGCTGCTGGCTTTGAAGGGGCTCTCGAAGC	240
DB	198	CTTCTCTCACCTGCTGGAGCCCAACAACTAGCTGCTGGCTTTGAAGGGGCTCTCGAAGC	257
QY	241	AATGTGTGAAGCTAAATTTAATTTCAAGTGGTATCTACGTTCTCTGAGTTATCCAAACACAGT	300
DB	258	AATGTGTGAAGCTAAATTTAATTTCAAGTGGTATCTACGTTCTCTGAGTTATCCAAACACAGT	317
QY	301	CTTCCACTCTGCTTTGGAAATGAGCAAGGTCAAAATCTGCTCTGCACCTACACAGCAACAC	360
DB	318	CTTCCACTCTGCTTTGGAAATGAGCAAGGTCAAAATCTGCTCTGCACCTACACAGCAACAC	377
QY	361	TGAAGGGAAGACACTGGCTTCTAGTAGTGAAGCTTCAGTTTTCGCCAGCTAGGTGTAA	420
DB	378	TGAAGGGAAGACACTGGCTTCTAGTAGTGAAGCTTCAGTTTTCGCCAGCTAGGTGTAA	437
QY	421	CTGGGACATAGAGTGTCTGATGAAAGGGGACCTTGACATTTATCTGTCATATGGAGCC	480
DB	438	CTGGGACATAGAGTGTCTGATGAAAGGGGACCTTGACATTTATCTGTCATATGGAGCC	497
QY	481	ATTACTAAGAACCCCTTCAAGAAATTAAGCTCTAAGGTCCATCTTTTATATGATCTGCC	540
DB	498	ATTACTAAGAACCCCTTCAAGAAATTAAGCTCTAAGGTCCATCTTTTATATGATCTGCC	557
QY	541	TGAAGTCTAGATGATCTGCCCTCTGCCCACTGAAGACAGCTTTTCAGACTGTCCAATG	600
DB	558	TGAAGTCTAGATGATCTGCCCTCTGCCCACTGAAGACAGCTTTTCAGACTGTCCAATG	617
QY	601	CAACTGCAGCTTTCCGGGATGTGAATGTCTATGTCCGGTACCAGAGCCCAACTCAACTA	660
DB	618	CAACTGCAGCTTTCCGGGATGTGAATGTCTATGTCCGGTACCAGAGCCCAACTCAACTA	677
QY	661	CGCTCTCTCTGATGTATTTGGAAATCAACATCTCCCGGTGTAGTTTTCAGTCACTCTGAT	720
DB	678	CGCTCTCTCTGATGTATTTGGAAATCAACATCTCCCGGTGTAGTTTTCAGTCACTCTGAT	737
QY	721	GTCACTGACGCCCATGCTTGTGTGAAACCCGATCCACCTTAGTTTGTGATATGGAAGT	780
DB	738	GTCACTGACGCCCATGCTTGTGTGAAACCCGATCCACCTTAGTTTGTGATATGGAAGT	797

QY	781	CACAGATGATGTAATTTTAAAGATTTCTTGGACAGCCAAACAAATGGCACCAATTCGGCT	840
DB	798	CACAGATGATGTAATTTTAAAGATTTCTTGGACAGCCAAACAAATGGCACCAATTCGGCT	857
QY	841	TCAATATCAGGTGAAATATTTTAGAGAAATTTTACAAATTTGTAAGAGAGGCTGCTGAAATTT	900
DB	858	TCAATATCAGGTGAAATATTTTAGAGAAATTTTACAAATTTGTAAGAGAGGCTGCTGAAATTT	917
QY	901	CTCAGCTACATCTCTGCTGGTAGACAGTGTCTTCTCGATCTTCTCATATGAGGTCCAGGT	960
DB	918	CTCAGCTACATCTCTGCTGGTAGACAGTGTCTTCTCGATCTTCTCATATGAGGTCCAGGT	977
QY	961	GAGGACGAAGACATGGATGTTTCTAGGAGTCTGGAGTGAATCTGAGTTCACCTCAAGTCTT	1020
DB	978	GAGGACGAAGACATGGATGTTTCTAGGAGTCTGGAGTGAATCTGAGTTCACCTCAAGTCTT	1037
QY	1021	TACCAACAAGATGTTGTATTTTCCACCCCAAAATTTCTGACTAGTGTGGATCGAATGC	1080
DB	1038	TACCAACAAGATGTTGTATTTTCCACCCCAAAATTTCTGACTAGTGTGGATCGAATGC	1097
QY	1081	TTCTTTTCAATTCATACAAAAACGAAAAACAGATTTATCTCTCAAAACAGATAGTTTG	1140
DB	1098	TTCTTTTCAATTCATACAAAAACGAAAAACAGATTTATCTCTCAAAACAGATAGTTTG	1157
QY	1141	GTGGAGGAATCTAGCTGAGAAAAATCCCTGAGATACAGTACAGCATTTGTGAGTGAACGAGT	1200
DB	1158	GTGGAGGAATCTAGCTGAGAAAAATCCCTGAGATACAGTACAGCATTTGTGAGTGAACGAGT	1217
QY	1201	TAGCAAGTTACTTCTCAACCTGAAAGACCAACAGACCTCGAGGGAAGTTTACCTATGA	1260
DB	1218	TAGCAAGTTACTTCTCAACCTGAAAGACCAACAGACCTCGAGGGAAGTTTACCTATGA	1277
QY	1261	CGAGTGTACTGTCTCAATGAGAGCGTGCATCACCGCTATGCTGTAATTTATCGTGTAT	1320
DB	1278	CGAGTGTACTGTCTCAATGAGAGCGTGCATCACCGCTATGCTGTAATTTATCGTGTAT	1337
QY	1321	CGATGCAATATCAATATATCATGTGAAACTGACGGGTACTTAACTAAAAAGTACGAG	1380
DB	1338	CGATGCAATATCAATATATCATGTGAAACTGACGGGTACTTAACTAAAAAGTACGAG	1397
QY	1381	ATGTCACCCAGACCAATCCAAATCTAGTGGGAAGCACTGTGACGCTGAGGTATCACAG	1440
DB	1398	ATGTCACCCAGACCAATCCAAATCTAGTGGGAAGCACTGTGACGCTGAGGTATCACAG	1457
QY	1441	GGCAGACCTGTATGCTCTGTAGTCAATCTATCTCATCTCTGCTGAGCCCAAAACTG	1500
DB	1458	GGCAGACCTGTATGCTCTGTAGTCAATCTATCTCATCTCTGCTGAGCCCAAAACTG	1517
QY	1501	CGTCTTACAGAGACGCGCTTTTATGAATGTGTTTTCAGGCCAATCTTTTCTATTATCTGG	1560
DB	1518	CGTCTTACAGAGACGCGCTTTTATGAATGTGTTTTCAGGCCAATCTTTTCTATTATCTGG	1577
QY	1561	CTATCAATATGGATCAGGATCAACCATTTTATAGTTTCACTTGAATGCGCCCAACAGTG	1620
DB	1578	CTATCAATATGGATCAGGATCAACCATTTTATAGTTTCACTTGAATGCGCCCAACAGTG	1637
QY	1621	TGTCCTCTCTGACCTCGTAGTAAACCACTACCTCTTAACTGTAAGGAGAGATATAC	1680
DB	1638	TGTCCTCTCTGACCTCGTAGTAAACCACTACCTCTTAACTGTAAGGAGAGATATAC	1697
QY	1681	TGTAACAACCTGATTTATGAAAGTATCTTGGGAAAGCCAGTCTTTTCCGGAGAAATACCT	1740
DB	1698	TGTAACAACCTGATTTATGAAAGTATCTTGGGAAAGCCAGTCTTTTCCGGAGAAATACCT	1757
QY	1741	TCAATTCAGATTCGATATGCTTAAAGTGGAAAAAGAAATCAATGGAAGACATATGAGT	1800
DB	1758	TCAATTCAGATTCGATATGCTTAAAGTGGAAAAAGAAATCAATGGAAGACATATGAGT	1817
QY	1801	ATTTCGATCAAGTCAAGTCTGCGAGCTGCTGCTGTGTCAGACCTCTGTGAGTCTATGT	1860
DB	1818	ATTTCGATCAAGTCAAGTCTGCGAGCTGCTGCTGTGTCAGACCTCTGTGAGTCTATGT	1877
QY	1861	GGTCCAGGTTCCGCTCCCGCGGTGGATGGACTAGGATATTTGGAGTAATTTGGAGCAGTCC	1920

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Db 1878 GGTCCAGGTTGCTGCGCGGTTGGATGAGCTAGGATATTGAGTAATTGAGCAGTCC 1937
QY 1921 AGCTATACGCTTGTCAATGATGTAAGTTCCTATGAGAGGCGCTGAAATTTGGAGAA 1980
Db 1938 AGCTATACGCTTGTCAATGATGTAAGTTCCTATGAGAGGCGCTGAAATTTGGAGAA 1997
QY 1981 AATGATGGGAGCTTACTATAAAGAGAGAAATGTCACCTTGTGGAGCCCTGTAC 2040
Db 1998 AATGATGGGAGCTTACTATAAAGAGAGAAATGTCACCTTGTGGAGCCCTGTAC 2057
QY 2041 GAAAATGACTCACTGTGTAGTGTGAGGAGTACGTGTGAGAGCATCGTACTGCCACAA 2100
Db 2058 GAAAATGACTCACTGTGTAGTGTGAGGAGTACGTGTGAGAGCATCGTACTGCCACAA 2117
QY 2101 TGGAGCTGGTCTGAGAGATGTGGGAAATCGGACCAATCTCACTTTCCTGTGGACAGAAC 2160
Db 2118 TGGAGCTGGTCTGAGAGATGTGGGAAATCGGACCAATCTCACTTTCCTGTGGACAGAAC 2177
QY 2161 AGGCACACTGTTACAGTTCTGGCTGTCAATTCCTCGCGGCTTCCCTTGTGAATTTTAA 2220
Db 2178 AGGCACACTGTTACAGTTCTGGCTGTCAATTCCTCGCGGCTTCCCTTGTGAATTTTAA 2237
QY 2221 CCTTACTCTTCATGSCCATGAGTAAAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGT 2280
Db 2238 CCTTACTCTTCATGSCCATGAGTAAAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGT 2297
QY 2281 CTGAGCAGCAGTGTGTCATCTTTCTGGACACTGTCACTGTCACTGTCACTGTCACTGT 2340
Db 2298 CTGAGCAGCAGTGTGTCATCTTTCTGGACACTGTCACTGTCACTGTCACTGTCACTGT 2357
QY 2341 ATATCTGTTATTGAATGAAGATCTTAAATGAAGATGAATGAATGAATGAATGAATGAAT 2400
Db 2358 ATATCTGTTATTGAATGAAGATCTTAAATGAAGATGAATGAATGAATGAATGAATGAAT 2417
QY 2401 TCCTCGAATGTTAAAGTTTTTATATCAACGGTATGTACT 2443
Db 2418 TCCTCGAATGTTAAAGTTTTTATATCAACGGTATGTACT 2460

RESULT 14
US-09-094-410-42
; Sequence 42, Application US/09094410
; Patent No. 6403552
; GENERAL INFORMATION:
; APPLICANT: Tartaglia, Louis A.
; APPLICANT: Tepet, Robert I.
; APPLICANT: Culpepper, Janice A.
; APPLICANT: White, David W.
; TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR
; TITLE OF INVENTION: THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS,
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/094,410
; FILING DATE: 09-JUN-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/864,564
; FILING DATE: 28-MAY-1997
; APPLICATION NUMBER: 08/708,123
; FILING DATE: 03-SEP-1996
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; APPLICATION NUMBER: 08/638,524
; FILING DATE: 26-APR-1996
; APPLICATION NUMBER: 08/599,455
; FILING DATE: 22-JAN-1996
; APPLICATION NUMBER: 08/583,153
; FILING DATE: 28-DEC-1995
; APPLICATION NUMBER: 08/570,142
; FILING DATE: 11-DEC-1995
; APPLICATION NUMBER: 08/569,485
; FILING DATE: 08-DEC-1995
; APPLICATION NUMBER: 08/566,622
; FILING DATE: 04-DEC-1995
; APPLICATION NUMBER: 08/562,663
; FILING DATE: 27-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Meiklejohn, Ph.D., Anita L.
; REGISTRATION NUMBER: 35,283
; REFERENCE/DOCKET NUMBER: 07334/019003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3854 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: Coding Sequence
; LOCATION: 61...3546
; US-09-094-410-42

Query Match 98.9%; Score 2433.4; DB 4; Length 3854;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 2437; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1 GAGGAATCGTTCTGCAAAATCCAGGTGTACCTCTGAAAGAAAGATGATGTGCAGAAATT 60
Db 18 GAGGAATCGTTCTGCAAAATCCAGGTGTACCTCTGAAAGAAAGATGATGTGCAGAAATT 77
QY 61 CTATGTGTTTTTTACACTGCGAATTTCTTTATGTAGTAGTGCACCTTAACCTGGCATA 120
Db 78 CTATGTGTTTTTTACACTGCGAATTTCTTTATGTAGTAGTGCACCTTAACCTGGCATA 137
QY 121 TCCAACTCTCCCTGGAAATTTAAGTTGTTGTGGACCAACCGAACACACACCGATGACTC 180
Db 138 TCCAACTCTCCCTGGAAATTTAAGTTGTTGTGGACCAACCGAACACACACCGATGACTC 197
QY 181 CTTTCTCTCACTGTGGAGCCCAAAACAATGCTCGGCTTTGAAGGGGGCTTCTGAAGC 240
Db 198 CTTTCTCTCACTGTGGAGCCCAAAACAATGCTCGGCTTTGAAGGGGGCTTCTGAAGC 257
QY 241 AATTGTTGAAGCTAAATTTAATTCAAGTGGTATCTACGTTCTCTGAGTTATCCAAACAGT 300
Db 258 AATTGTTGAAGCTAAATTTAATTCAAGTGGTATCTACGTTCTCTGAGTTATCCAAACAGT 317
QY 301 CTTCCACTGTTGCTTTGGGAATGAGCAAGGTCAAAACTGCTCTGCACTCACAGACAACAC 360
Db 318 CTTCCACTGTTGCTTTGGGAATGAGCAAGGTCAAAACTGCTCTGCACTCACAGACAACAC 377
QY 361 TGAAGGGAAGACACTGGCTTCAGTAGTGAAGGCTTCAGTTTTCGCCAGTAGGTGTAAA 420
Db 378 TGAAGGGAAGACACTGGCTTCAGTAGTGAAGGCTTCAGTTTTCGCCAGTAGGTGTAAA 437
QY 421 CTGGGACATAGAGTCTGGATGAAAGGGACCTTGACATTTATTCACTCTCATATGGAGCC 480
Db 438 CTGGGACATAGAGTCTGGATGAAAGGGACCTTGACATTTATTCACTCTCATATGGAGCC 497
QY 481 ATTACCTAAGAACCCCTTCAAGAAATTATGACTCTAAGGTCCACTTTTTATATGATCTGCC 540
Db 498 ATTACCTAAGAACCCCTTCAAGAAATTATGACTCTAAGGTCCACTTTTTATATGATCTGCC 557
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Qy	541	TGAAGTCATAGATGATTTGCGCTCTGCGCCCCCACTGAAAGACAGCTTTTCAGACTGTGCCAATG	600
Db	558	TGAAGTCATAGATGATTTGCGCTCTGCGCCCCCACTGAAAGACAGCTTTTCAGACTGTGCCAATG	617
Qy	601	CAACTGCAGTCTTCGGGGGATGTGAATCTCATGTGSCCGGTACCCAGAGGCCAAACTCAACTA	660
Db	618	CAACTGCAGTCTTCGGGGGATGTGAATCTCATGTGSCCGGTACCCAGAGGCCAAACTCAACTA	677
Qy	661	CGCTCTTCTGATGTATTTGGAAATCACATCTGCGCGGTGTGAGTTTTCAGTCACTCTGAT	720
Db	678	CGCTCTTCTGATGTATTTGGAAATCACATCTGCGCGGTGTGAGTTTTCAGTCACTCTGAT	737
Qy	721	GTCACTGCAGCCCATGCTTGTGTGAAACCCGATCCACCTTAGTTAGTTTGCATATGGAAGT	780
Db	738	GTCACTGCAGCCCATGCTTGTGTGAAACCCGATCCACCTTAGTTAGTTTGCATATGGAAGT	797
Qy	781	CACAGATGATGTGTAATTTAAAGATTTCTTGGGACAGCCAAACAATGCGACCATTTCCGCT	840
Db	798	CACAGATGATGTGTAATTTAAAGATTTCTTGGGACAGCCAAACAATGCGACCATTTCCGCT	857
Qy	841	TCAATATCAGGTGAAATPATTTAGAGAAATCTTACAATTTGAAGAGAGCTCTCGTAATTTGT	900
Db	858	TCAATATCAGGTGAAATPATTTAGAGAAATCTTACAATTTGAAGAGAGCTCTCGTAATTTGT	917
Qy	901	CTCAGCTACATCTCTGCTGTAGACAGTGTCTTCTCTGGATCTTCATATGAGGTCCAGGT	960
Db	918	CTCAGCTACATCTCTGCTGTAGACAGTGTCTTCTCTGGATCTTCATATGAGGTCCAGGT	977
Qy	961	GAGGAGCAAGAGACTCGATGCTTTCAGGAGTCTGGAGTGTGAGTTCACCTCAAGTCTT	1020
Db	978	GAGGAGCAAGAGACTCGATGCTTTCAGGAGTCTGGAGTGTGAGTTCACCTCAAGTCTT	1037
Qy	1021	TACCACAACAAGATGTTGTGTATTTTCCACCCAAAATTTCTGACTAGTGTTCGATCGAATGC	1080
Db	1038	TACCACAACAAGATGTTGTGTATTTTCCACCCAAAATTTCTGACTAGTGTTCGATCGAATGC	1097
Qy	1081	TTCTTTTTCATTGATCTACAAAAACGAAACCCAGATTTATCTCTCATAAAACAGATAGTTTG	1140
Db	1098	TTCTTTTTCATTGATCTACAAAAACGAAACCCAGATTTATCTCTCATAAAACAGATAGTTTG	1157
Qy	1141	GTGGAGGAATCTAGCTGAGAAAAATCCCCTGAGATACAGTACAGCATTTGTGAGTGACCGAGT	1200
Db	1158	GTGGAGGAATCTAGCTGAGAAAAATCCCCTGAGATACAGTACAGCATTTGTGAGTGACCGAGT	1217
Qy	1201	TAGCAAAAGTTACCTTTCCAACTGAAAGCCACAGACCTCGAGGGGAAGTTTACCTATGA	1260
Db	1218	TAGCAAAAGTTACCTTTCCAACTGAAAGCCACAGACCTCGAGGGGAAGTTTACCTATGA	1277
Qy	1261	CGCAGTGTACTGTGCAATGAGCAGGCGTGCATCACCGCTATGTCTGAATTTACGTGAT	1320
Db	1278	CGCAGTGTACTGTGCAATGAGCAGGCGTGCATCACCGCTATGTCTGAATTTACGTGAT	1337
Qy	1321	CGATGTCAATATCAATATATCATGTGAAAATCTGACGGGTACTTAACTAAAAATGACTTGCAG	1380
Db	1338	CGATGTCAATATCAATATATCATGTGAAAATCTGACGGGTACTTAACTAAAAATGACTTGCAG	1397
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Db	1518	CGTCTTACAGAGACGGCTTTTATGAATGTGTTTTTCCAGCCCAATCTTTTCTATTATCTGG	1577
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PRECIPIT. T 15

RESULT IS
IIS-08-708-123D-42

US-08-708-123D-42
: Sequence 42. Application US/08708123D

Sequence 42, Appl. No. 6482927

; FALCILE NO. 6482927
: GENERAL INFORMATION:

APPLICANT: Tartaglia, Louis A.

APPLICANT: LAICAGLIA, LOUIS A.
APPLICANT: Tepper, Robert I.

APPLICANT: Culpepper, Janice A.

APPLICANT: White, David W.

APPLICANT: WHITE, DAVID W.
TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR

TITLE OF INVENTION: THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS, ;

TABLE OF INVENTION: THE DISCLOSURE SET FORTH IN THE TITLE OF INVENTION: INCLUDING OBESITY AND CACHEXIA

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; TYPE OF INVENTION: 50
; NUMBER OF SEQUENCES: 50

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NUMBER OF REFERENCES: 3
CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson, P.C.

STREET: 225 Franklin Street ;

;; CITY: Boston
;; STATE: MA
;; COUNTRY: US
;; ZIP: 02110-2804
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Diskette
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: Windows95
;; SOFTWARE: Fastseq for Windows Version 2.0
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/708,123D
;; FILING DATE: 03-SEP-1996
;; PRIORITY APPLICATION DATA:
;; APPLICATION NUMBER: 08/638,524
;; FILING DATE: 26-APR-1996
;; APPLICATION NUMBER: 08/599,455
;; FILING DATE: 22-JAN-1996
;; APPLICATION NUMBER: 08/583,153
;; FILING DATE: 28-DEC-1995
;; APPLICATION NUMBER: 08/570,142
;; FILING DATE: 11-DEC-1995
;; APPLICATION NUMBER: 08/569,485
;; FILING DATE: 08-DEC-1995
;; APPLICATION NUMBER: 08/566,622
;; FILING DATE: 04-DEC-1995
;; APPLICATION NUMBER: 08/562,663
;; FILING DATE: 27-NOV-1995
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Meiklejohn, Ph.D., Anita L.
;; REGISTRATION NUMBER: 35,283
;; REFERENCE/DOCKET NUMBER: 07334/019001
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 617-542-5070
;; TELEFAX: 617-542-8906
;; TELEX: 200154
;; INFORMATION FOR SEQ ID NO: 42:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 3854 base pairs
;; TYPE: nucleic acid
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US-08-708-123D-42

Query Match 98.9%; Score 2433.4; DB 4; Length 3854;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 2437; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

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QY	301	CTTCCACTGTGCTTGGGAATGAGCAAGGTCAAAATCTCTCTGCACCTCACAGACAAACAC	360

DB	318	CTTCCACTGTGCTTGGGAATGAGCAAGGTCAAAATCTCTCTGCACCTCACAGACAAACAC	377
QY	361	TGAAGGGAAGACACATGGCTTCAGTAGTGAAGGCTTCAGTTTTTCGCCAGCTAGGTGTAAA	420
DB	378	TGAAGGGAAGACACATGGCTTCAGTAGTGAAGGCTTCAGTTTTTCGCCAGCTAGGTGTAAA	437
QY	421	CTGGGACATAGAGTCTGGATGAAAGGGGACCTGACATTATTCATCTCTCATATGAGGCC	480
DB	438	CTGGGACATAGAGTCTGGATGAAAGGGGACCTGACATTATTCATCTCTCATATGAGGCC	497
QY	481	ATTACCTAAGAACCCCTTCAAGAAATATGACTCTTAAGGTCCATCTTTTATATGATCTGCC	540
DB	498	ATTACCTAAGAACCCCTTCAAGAAATATGACTCTTAAGGTCCATCTTTTATATGATCTGCC	557
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DB	558	TGAAGTCATAGATGATCGCTCTGCCCCCACTGAAAGACAGCTTTTCAGACTGTCCAATG	617
QY	601	CAACTGCAGTCTTCGGGGATGTGAATGTCAATGTCCGCTACCCAGAGCCAAACTCAACTA	660
DB	618	CAACTGCAGTCTTCGGGGATGTGAATGTCAATGTCCGCTACCCAGAGCCAAACTCAACTA	677
QY	661	CGCTCTTCTGATGATTTTGGAAATCACATCTGCCGCTGTGAGTTTTTCACTCACTCTGAT	720
DB	678	CGCTCTTCTGATGATTTTGGAAATCACATCTGCCGCTGTGAGTTTTTCACTCACTCTGAT	737
QY	721	GTCACCTGAGCCCATGCTTGTGTGAAACCCGATCCACCTTAGGTTTGCATATGGAAGT	780
DB	738	GTCACCTGAGCCCATGCTTGTGTGAAACCCGATCCACCTTAGGTTTGCATATGGAAGT	797
QY	781	CACAGATGATGTAATTTTAAAGATTTCTTGGGACAGCCAAACAAATGGCCATTTCCGCT	840
DB	798	CACAGATGATGTAATTTTAAAGATTTCTTGGGACAGCCAAACAAATGGCCATTTCCGCT	857
QY	841	TCAATATCAGGTGAAATATTTAGAGAAATTTCAATTTGTAAGAGAGGCTGCTGAAATTTG	900
DB	858	TCAATATCAGGTGAAATATTTAGAGAAATTTCAATTTGTAAGAGAGGCTGCTGAAATTTG	917
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DB	978	GAGGAGCAAGAGACTGGATGTTTCAAGGAGTCTGGAGTCACTGGAGTTCACTCAAGTCTT	1037
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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: November 4, 2004, 18:07:42 ; Search time 1698 seconds
(without alignments)
7803.480 Million cell updates/sec

Title: US-08-599-974E-9

Perfect score: 2461

Sequence: 1 gaggaatcgcttcgaaatc.....ctgacttttcattgattag 2461

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 3611042 seqs, 2692057975 residues

Total number of hits satisfying chosen parameters: 7222084

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA:*

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- 21: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	2433.4	98.9	3656	14	US-10-226-579-1
3	2433.4	98.9	3854	13	US-10-079-625-42
4	2390.4	97.1	2679	15	US-10-278-733-14
5	2364.6	96.1	2868	8	US-08-779-457-8
6	2364.6	96.1	2868	14	US-10-214-802-8
7	2148.8	87.3	3489	15	US-10-278-733-18
8	1692.2	68.8	3102	8	US-08-779-457-6
9	1692.2	68.8	3102	14	US-10-214-802-6
10	1692.2	68.8	3800	14	US-10-226-579-3
11	1692.2	68.8	3800	16	US-10-641-643-885
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14	1691	68.7	3004	8	US-08-779-457-5	Sequence 5, Appli
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16	1690.8	68.7	2991	13	US-10-095-929-1	Sequence 1, Appli
17	1688.2	68.6	2415	10	US-09-116-676-9	Sequence 9, Appli
18	1687.4	68.6	3871	13	US-10-079-625-3	Sequence 3, Appli
19	1682.8	68.4	2877	14	US-10-245-616-1	Sequence 1, Appli
20	1676	68.1	2691	17	US-10-373-624A-1	Sequence 1, Appli
21	1613.8	65.6	2751	17	US-10-373-624A-3	Sequence 3, Appli
22	1613.8	65.6	3486	17	US-10-373-624A-7	Sequence 7, Appli
23	1613.8	65.6	3705	17	US-10-373-624A-5	Sequence 5, Appli
24	1540	62.6	5147	14	US-10-116-802-93	Sequence 93, Appli
25	274	11.1	481	10	US-09-918-995-8348	Sequence 8348, Ap
26	252.4	10.3	391	15	US-09-918-995-8799	Sequence 8799, Ap
27	212.4	8.6	516	15	US-10-029-386-13143	Sequence 13143, A
28	205.4	8.3	287	15	US-10-029-386-26843	Sequence 26843, A
29	198	8.0	363	15	US-10-278-732-16	Sequence 16, Appl
30	65	2.6	65	10	US-09-908-375-29448	Sequence 29448, A
31	56.4	2.3	80	16	US-10-384-245-549	Sequence 549, App
32	52.2	2.1	65	10	US-09-908-975-3618	Sequence 3618, Ap
33	50.8	2.1	54	10	US-09-116-676-1	Sequence 1, Appli
34	39	1.6	811	14	US-10-184-644-414	Sequence 414, App
35	39	1.6	811	14	US-10-184-634-414	Sequence 414, App
36	39	1.6	1191	16	US-10-311-473-14	Sequence 14, Appl
37	39	1.6	1497	16	US-10-311-473-13	Sequence 13, Appl
38	39	1.6	1791	16	US-10-311-473-11	Sequence 11, Appl
39	39	1.6	2369	15	US-10-313-135-1	Sequence 1, Appli
40	39	1.6	3085	15	US-10-177-293-229	Sequence 229, App
41	39	1.6	3085	15	US-10-172-118-736	Sequence 736, App
42	39	1.6	3085	15	US-10-295-027-73	Sequence 73, Appl
43	39	1.6	3085	16	US-10-058-270A-31	Sequence 31, Appl
44	39	1.6	3085	16	US-10-342-887-736	Sequence 736, App
45	39	1.6	3085	16	US-10-641-643-1131	Sequence 1131, Ap

ALIGNMENTS

RESULT 1

US-10-079-625-1

Sequence 1, Application US/10079625

Publication No. US20020182676A1

GENERAL INFORMATION:

APPLICANT: Tartaglia, Louis A.

APPLICANT: Tepper, Robert I.

APPLICANT: Culpepper, Janice A.

APPLICANT: White, David W.

TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR

TITLE OF INVENTION: THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS,

TITLE OF INVENTION: INCLUDING OBESITY AND CACHEXIA

NUMBER OF SEQUENCES: 50

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson, P.C.

STREET: 225 Franklin Street

CITY: Boston

STATE: MA

COUNTRY: US

ZIP: 02110-2804

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: Windows95

SOFTWARE: Fast-Seq for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/079,625

FILING DATE: 2002-FEB-19

Prior APPLICATION DATA:

APPLICATION NUMBER: 08/864,564

FILING DATE: 28-MAY-1997

APPLICATION NUMBER: 08/708,123

FILING DATE: 03-SEP-1996

APPLICATION NUMBER: 08/638,524

FILING DATE: 26-APR-1996

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; APPLICATION NUMBER: 08/599,455
; FILING DATE: 22-JAN-1996
; APPLICATION NUMBER: 08/583,153
; FILING DATE: 28-DEC-1995
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; FILING DATE: 11-DEC-1995
; APPLICATION NUMBER: 08/569,485
; FILING DATE: 08-DEC-1995
; APPLICATION NUMBER: 08/566,622
; FILING DATE: 04-DEC-1995
; APPLICATION NUMBER: 08/562,663
; FILING DATE: 27-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Meikiejohn, Ph.D., Anita L.
; REGISTRATION NUMBER: 35,283
; REFERENCE/DOCKET NUMBER: 07334/019002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3097 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: unknown
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; US-10-079-625-1

Query Match 98.9%; Score 2433.4; DB 13; Length 3097;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 2437; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1 GAGGAATCGTTCTGCAATCCAGGTGTACACCTCTGGAAGAAGATGATGTGCAGAAATT 60
DB 18 GAGGAATCGTTCTGCAATCCAGGTGTACACCTCTGGAAGAAGATGATGTGCAGAAATT 77
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DB 1518 CGTCTTACAGAGAGACGGCTTTTATGAATGTGTTTTTCAGCCCAATCTTTTCTATATCTGG 1577
QY 1561 CTATACATATGGAATCAGGATCAACCATTTCTTTAGGTTTCACTTGACTCGCCACCAACCTG 1620
DB 1578 CTATACATATGGAATCAGGATCAACCATTTCTTTAGGTTTCACTTGACTCGCCACCAACCTG 1637
QY 1621 TGTCTCTCTCAGCTCCGCTAGTAAAAACCACTACCTCCATCTAAACGTAAAAAGCAGAGATTAC 1680
```

Db 1638 TGTCTCTCTGACTCCGTAGTAAACCACCTAOCCTCCATCTCAACGTAAAGCAGAGATTAC 1697
Qy 1681 TGTAAACACTGATATTGAAAGTATCTTTGGGAAAGCCAGTCTTTCCGGGAAATAACCT 1740
Db 1698 TGTAAACACTGATATTGAAAGTATCTTTGGGAAAGCCAGTCTTTCCGGGAAATAACCT 1757
Qy 1741 TCAATTCCAGATTTCGATATGGCTTAAGTGGAAAGAAATACAAATGGAAGACACATGAGGT 1800
Db 1758 TCAATTCCAGATTTCGATATGGCTTAAGTGGAAAGAAATACAAATGGAAGACACATGAGGT 1817
Qy 1801 ATTGATGCAAGATCAAGTCTGCCAGCCTGTGGTGTGAGACCTCTGTGAGTCTATGT 1860
Db 1818 ATTGATGCAAGATCAAGTCTGCCAGCCTGTGGTGTGAGACCTCTGTGAGTCTATGT 1877
Qy 1861 GGTCCAGGTTCTGCTGCCGCGTGTGGATGAGACTAGGATATTCGAGTAATTGGAGCAGTCC 1920
Db 1878 GGTCCAGGTTCTGCTGCCGCGTGTGGATGAGACTAGGATATTCGAGTAATTGGAGCAGTCC 1937
Qy 1921 AGCCTATACGCTTGTCAATGATGTAAAGTTCCTATGAGAGGCGCTGAAATTTGGAGAAA 1980
Db 1938 AGCCTATACGCTTGTCAATGATGTAAAGTTCCTATGAGAGGCGCTGAAATTTGGAGAAA 1997
Qy 1981 AATGATGGGAGCTTACTAAAAGAGAGAAATGTACCTTGTCTTGGAGGCCCTGAC 2040
Db 1998 AATGATGGGAGCTTACTAAAAGAGAGAAATGTACCTTGTCTTGGAGGCCCTGAC 2057
Qy 2041 GAAATGACTCACTGTGTAGTGTGAGGAGTACGTGGTGAAGCATCGTACTGCCACAA 2100
Db 2058 GAAATGACTCACTGTGTAGTGTGAGGAGTACGTGGTGAAGCATCGTACTGCCACAA 2117
Qy 2101 TGGGACGTGCTCAGAGATGTGGGAAATCGGACCCTCACTTCTCTGTGAGCAGAAC 2160
Db 2118 TGGGACGTGCTCAGAGATGTGGGAAATCGGACCCTCACTTCTCTGTGAGCAGAAC 2177
Qy 2161 AGGCACACTGTACAGTTCTGGCTGTCAATTCCTCTGGCGCTTCCCTTGTGAATTTAA 2220
Db 2178 AGGCACACTGTACAGTTCTGGCTGTCAATTCCTCTGGCGCTTCCCTTGTGAATTTAA 2237
Qy 2221 CCTACCTTCTCATGGCCCATGATAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGT 2280
Db 2238 CCTACCTTCTCATGGCCCATGATAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGT 2297
Qy 2281 CCTGAGCAGCTGTGTCTCTTCTTGGACACTGTCACTGTATGATTTATAGTCTGTT 2340
Db 2298 CCTGAGCAGCTGTGTCTCTTCTTGGACACTGTCACTGTATGATTTATAGTCTGTT 2357
Qy 2341 ATATCTGTTTATGAATGGAAGATCCTTAATGAAGATGATGAATGGAATGGAATGGAAT 2400
Db 2358 ATATCTGTTTATGAATGGAAGATCCTTAATGAAGATGATGAATGGAATGGAATGGAAT 2417
Qy 2401 TCCCTCGAATGTAAAGTGTATATCCAGGTATGTACT 2443
Db 2418 TCCCTCGAATGTAAAGTGTATATCCAGGTATGTACT 2460

RESULT 2

US-10-226-579-1
; Sequence 1, Application US/10226579
; Publication NO. US20030073634A1
; GENERAL INFORMATION:
; APPLICANT: Myers, Martin
; TITLE OF INVENTION: METHODS OF TREATING OBESITY
; FILE REFERENCE: 10276-071001
; CURRENT APPLICATION NUMBER: US/10/226,579
; PRIOR FILING DATE: 2002-08-23
; PRIOR APPLICATION NUMBER: US 60/314,976
; PRIOR FILING DATE: 2001-08-24
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 3656
; TYPE: DNA
; ORGANISM: Mus musculus

US-10-226-579-1
Query Match 98.9%; Score 2433.4; DB 14; Length 3656;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 2437; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
Qy 1 GAGGAATCGTTCTGCAATCCAGGTGTACACCTCTGAAGAAAGATGATGTGCAGAAATT 60
Db 40 GAGGAATCGTTCTGCAATCCAGGTGTACACCTCTGAAGAAAGATGATGTGCAGAAATT 99
Qy 61 CTATGTGTTTTGTACACTGGGAATTTCTTTATGTGATAGTGCACCTTAACCTGGCATA 120
Db 100 CTATGTGTTTTGTACACTGGGAATTTCTTTATGTGATAGTGCACCTTAACCTGGCATA 159
Qy 121 TCCAATCTCTCCCTGGAAATTTAAGTTGTTGGACACCGCAACACAAACCGATGACTC 180
Db 160 TCCAATCTCTCCCTGGAAATTTAAGTTGTTGGACACCGCAACACAAACCGATGACTC 219
Qy 181 CTTTCTCTCACCTGCTGGAGCCCAACAAATCCCTCGGCTTTGAGGGGGCTTCTGAAGC 240
Db 220 CTTTCTCTCACCTGCTGGAGCCCAACAAATCCCTCGGCTTTGAGGGGGCTTCTGAAGC 279
Qy 241 AATTGTTGAAGCTAAATTTAATTTCAAGTGGTATCTACGTTCTCTGAGTTATCCAAACAGT 300
Db 280 AATTGTTGAAGCTAAATTTAATTTCAAGTGGTATCTACGTTCTCTGAGTTATCCAAACAGT 339
Qy 301 CTTCCACTGTTGCTTTGGGAATGAGCAAGTCAAAACCTGCTGCACTCACAGACAAACAC 360
Db 340 CTTCCACTGTTGCTTTGGGAATGAGCAAGTCAAAACCTGCTGCACTCACAGACAAACAC 399
Qy 361 TGAAGGGAAGACACTGGCTTCAGTAGTGAAGGCTTCAGTTTTTCGCCAGTAGTGTATAA 420
Db 400 TGAAGGGAAGACACTGGCTTCAGTAGTGAAGGCTTCAGTTTTTCGCCAGTAGTGTATAA 459
Qy 421 CTGGGACATAGAGTGTGGATGAAAGGGGACTTGACATATTATCTGCTCATATGGAGCC 480
Db 460 CTGGGACATAGAGTGTGGATGAAAGGGGACTTGACATTAATCATCTGCTCATATGGAGCC 519
Qy 481 ATTACCTAAGAACCCCTTCAAGAAATATGACTCTAAGGTCATCTTTTATATGATCTGCC 540
Db 520 ATTACCTAAGAACCCCTTCAAGAAATATGACTCTAAGGTCATCTTTTATATGATCTGCC 579
Qy 541 TGAAGTCAATAGATGATTCGCTCTGCCCCCACTGAAAGACAGCTTTTCAGACTGTCCAATG 600
Db 580 TGAAGTCAATAGATGATTCGCTCTGCCCCCACTGAAAGACAGCTTTTCAGACTGTCCAATG 639
Qy 601 CAACCTGAGTCTTCGGGATGTGAATGTGTCGCGGTACCCAGAGCCAAACTCAACTA 660
Db 640 CAACCTGAGTCTTCGGGATGTGAATGTGTCGCGGTACCCAGAGCCAAACTCAACTA 699
Qy 661 CGCTCTCTGATGTATTTGGAAATCACATCTGCCGCTGTGAGTTTTTCAGTCACTCTCAT 720
Db 700 CGCTCTCTGATGTATTTGGAAATCACATCTGCCGCTGTGAGTTTTTCAGTCACTCTCAT 759
Qy 721 GTCACCTGAGCCCATGCTTGTGTGAACCCGATCCACCTTAGGTTTGCATATGGAAGT 780
Db 760 GTCACCTGAGCCCATGCTTGTGTGAACCCGATCCACCTTAGGTTTGCATATGGAAGT 819
Qy 781 CACAGATGATGGTAAATTTAAAGATTTCTTGGGACAGCCAAACAAATGGCACCATTCCCGT 840
Db 820 CACAGATGATGGTAAATTTAAAGATTTCTTGGGACAGCCAAACAAATGGCACCATTCCCGT 879
Qy 841 TCAATATCAGGTGAAATATTTAGAGAAATTTACAAATTTGTAAGAGAGGCTGCTGAAATGT 900
Db 880 TCAATATCAGGTGAAATATTTAGAGAAATTTACAAATTTGTAAGAGAGGCTGCTGAAATGT 939
Qy 901 CTCAGCTACATCTCTGCTGGTAGACAGTGTCTTCTGGATCTTTCATATGAGGTCAGGT 960
Db 940 CTCAGCTACATCTCTGCTGGTAGACAGTGTCTTCTGGATCTTTCATATGAGGTCAGGT 999
Qy 961 CAGGAGCAAGAGACTGGATGTTTCAAGGAGTCTGGAGTCACTGGAGTTCACCTCAAGTCTT 1020
Db 1000 GAGGAGCAAGAGACTGGATGTTTCAAGGAGTCTGGAGTCACTGGAGTTCACCTCAAGTCTT 1059

QY 1021 TACCACACAAGATGTTGTGATATTTTCCACCCCAAAATTTCTGACTAGTGTGGATCGAATGC 1080
DB TACCACACAAGATGTTGTGATATTTTCCACCCCAAAATTTCTGACTAGTGTGGATCGAATGC 1119
QY 1081 TTCTTTTCAATGCATCTACAAAAAGAAACAGAGATTATCTCTCAAAACACAGATAGTTTG 1140
DB TTCTTTTCAATGCATCTACAAAAAGAAACAGAGATTATCTCTCAAAACACAGATAGTTTG 1179
QY 1141 GTGGAGGAATCTAGCTGAGAAAAATCCCTGAGATACAGTACAGCATTTGTGAGTGACCGAGT 1200
DB GTGGAGGAATCTAGCTGAGAAAAATCCCTGAGATACAGTACAGCATTTGTGAGTGACCGAGT 1239
QY 1201 TAGAAAAGTTACTTCTTCCAACTGAAAGCCACAGACCTCGAGGGAAGTTTACCTATGA 1260
DB TAGAAAAGTTACTTCTTCCAACTGAAAGCCACAGACCTCGAGGGAAGTTTACCTATGA 1299
QY 1261 CGCAGTGTAATCTGCAATGAGCAGCGTGCCATCACCGCTATGCTGAAATTAATAGTGAT 1320
DB CGCAGTGTAATCTGCAATGAGCAGCGTGCCATCACCGCTATGCTGAAATTAATAGTGAT 1359
QY 1321 CGATGTCAATCAATCAATATCATGTGAAACTGACGGGTACTTTAACTAAATGACTTGCAG 1380
DB CGATGTCAATCAATCAATATCATGTGAAACTGACGGGTACTTTAACTAAATGACTTGCAG 1419
QY 1381 ATGGTCACCCAGCAGCAATCAATCACTAGTGGGAAGCACTGTGCAGCTGAGGTATCAAG 1440
DB ATGGTCACCCAGCAGCAATCAATCACTAGTGGGAAGCACTGTGCAGCTGAGGTATCAAG 1479
QY 1441 GCGCAGCTGTAATGTGCTGATAGTCCATCTATTATCTCTGCTGAGCCCAAAACATG 1500
DB GCGCAGCTGTAATGTGCTGATAGTCCATCTATTATCTCTGCTGAGCCCAAAACATG 1539
QY 1501 CGTCTTTACAGAGAGCGGCTTTTATGAATGTGTTTTCCAGCCCAATCTTTCTATTATCTGG 1560
DB CGTCTTTACAGAGAGCGGCTTTTATGAATGTGTTTTCCAGCCCAATCTTTCTATTATCTGG 1599
QY 1561 CTATCAATGTGGATCAGATCAACCATCTTTAGTTTCACTTGACTGCCACCAACAGTG 1620
DB CTATCAATGTGGATCAGATCAACCATCTTTAGTTTCACTTGACTGCCACCAACAGTG 1659
QY 1621 TGTCTTCTCTGACTCGTAGTAAACCACTACTCTCATCTAAACGTAAAGCAGAGATTAC 1680
DB TGTCTTCTCTGACTCGTAGTAAACCACTACTCTCATCTAAACGTAAAGCAGAGATTAC 1719
QY 1681 TGTAAACACTGGATTATTGAAAGTATCTTTGGAAAAGCCAGTCTTTCCGGAGAATAACCT 1740
DB TGTAAACACTGGATTATTGAAAGTATCTTTGGAAAAGCCAGTCTTTCCGGAGAATAACCT 1779
QY 1741 TCAATTCAGATTCGATATGGCTTAAGTGGAAAAGAAATACAAATGGAAGACATGAGGT 1800
DB TCAATTCAGATTCGATATGGCTTAAGTGGAAAAGAAATACAAATGGAAGACATGAGGT 1839
QY 1801 ATTCGATGCAAAAGTCAAAAGTCTGCCAGCTGCTGTTGTCAGACCTCTGTGCAGTCTATGT 1860
DB ATTCGATGCAAAAGTCAAAAGTCTGCCAGCTGCTGTTGTCAGACCTCTGTGCAGTCTATGT 1899
QY 1861 GGTCCAGGTTCTGCGCGCGGTTGGATGGACTAGGATATTGGAGTAATTTGGAGCAGTCC 1920
DB GGTCCAGGTTCTGCGCGCGGTTGGATGGACTAGGATATTGGAGTAATTTGGAGCAGTCC 1959
QY 1921 AGCCTATAGCTTGTCAATGATGTAAGTTTCTATGAGAGGCGCTGAAATTTTGAGAAA 1980
DB AGCCTATAGCTTGTCAATGATGTAAGTTTCTATGAGAGGCGCTGAAATTTTGAGAAA 2019
QY 1981 AATGATGGGACGTTTACTAAAAAGAGAGAAATGTCACTTGTCTTTGGAAGCCCTGCAC 2040
DB AATGATGGGACGTTTACTAAAAAGAGAGAAATGTCACTTGTCTTTGGAAGCCCTGCAC 2079
QY 2041 GAAAAATGACTCCTGTGTGTAGTGTGAGGAGGTACGTGGTGAAGCATCGTACTGCCCAAA 2100
DB GAAAAATGACTCCTGTGTGTAGTGTGAGGAGGTACGTGGTGAAGCATCGTACTGCCCAAA 2139

RESULT 3

US-10-079-625-42
; Sequence 42, Application US/10079625
; Publication No. US20020182676A1
; GENERAL INFORMATION:
; APPLICANT: Tartaglia, Louis A.
; APPLICANT: Tepper, Robert I.
; APPLICANT: Culpepper, Janice A.
; APPLICANT: White, David W.
; TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR
; TITLE OF INVENTION: THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS,
; TITLE OF INVENTION: INCLUDING OBESITY AND CACHEXIA
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/079,625
; FILING DATE: 2002-FEB-19
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/864,564
; FILING DATE: 28-MAY-1997
; APPLICATION NUMBER: 08/708,123
; FILING DATE: 03-SEP-1996
; APPLICATION NUMBER: 08/638,524
; FILING DATE: 26-APR-1996
; APPLICATION NUMBER: 08/599,455
; FILING DATE: 22-JAN-1996
; APPLICATION NUMBER: 08/583,153
; FILING DATE: 28-DEC-1995
; APPLICATION NUMBER: 08/570,142
; FILING DATE: 11-DEC-1995
; APPLICATION NUMBER: 08/569,485
; FILING DATE: 08-DEC-1995
; APPLICATION NUMBER: 08/566,622
; FILING DATE: 04-DEC-1995
; APPLICATION NUMBER: 08/562,663
; FILING DATE: 27-NOV-1995
; ATTORNEY/AGENT INFORMATION:

```

; NAME: Meiklejohn, Ph.D., Anita L.
; REGISTRATION NUMBER: 35,283
; REFERENCE/DOCKET NUMBER: 07334/019002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3854 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: Coding Sequence
; LOCATION: 61...3546
; US-10-079-625-42

Query Match          98.9%; Score 2433.4; DB 13; Length 3854;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 2437; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1 GAGGAATCGTTCTGCAAAATCCAGGTGACACCTCTGAAGAAAAGATGATGTGAGAAATT 60
DB 18 GAGGAATCGTTCTGCAAAATCCAGGTGACACCTCTGAAGAAAAGATGATGTGAGAAATT 77
QY 61 CTATGTGGTGTGTTACATCGGGAATTTCTTTATGTGATAGTGCACCTTAACCTGGCATA 120
DB 78 CTATGTGGTGTGTTACATCGGGAATTTCTTTATGTGATAGTGCACCTTAACCTGGCATA 137
QY 121 TCCAAATCTCTCCCTCGAAATTTAAAGTTGTTTGTGACACCAAGCAACACCAACCGATGACTC 180
DB 138 TCCAAATCTCTCCCTCGAAATTTAAAGTTGTTTGTGACACCAAGCAACACCAACCGATGACTC 197
QY 181 CTTTCTCTCACCTGCTGGAGCCCAACCAATGCCTCGGCTTTGAAGGGGGCTTCTGAAGC 240
DB 198 CTTTCTCTCACCTGCTGGAGCCCAACCAATGCCTCGGCTTTGAAGGGGGCTTCTGAAGC 257
QY 241 AATTGTTGAAGCTAAATTTAAATCAAGTGTGATCTAGTTCCTGAGTTATCCAAACAGT 300
DB 258 AATTGTTGAAGCTAAATTTAAATCAAGTGTGATCTAGTTCCTGAGTTATCCAAACAGT 317
QY 301 CTTTCCACTGTGCTGGGAATGAGCAAGTCAAACTGCTCTGCACTCACAAGCAACAC 360
DB 318 CTTTCCACTGTGCTGGGAATGAGCAAGTCAAACTGCTCTGCACTCACAAGCAACAC 377
QY 361 TGAAGGGAAGACACTGGCTTCAGTAGTGAAGGCTTCAGTTCCTGCGCACTAGGTGTAAA 420
DB 378 TGAAGGGAAGACACTGGCTTCAGTAGTGAAGGCTTCAGTTCCTGCGCACTAGGTGTAAA 437
QY 421 CTGGGACATAGAGTGTGGATGAAGGGAAGCTTGACATTTATTCATCTGTCATATGAGGCC 480
DB 438 CTGGGACATAGAGTGTGGATGAAGGGAAGCTTGACATTTATTCATCTGTCATATGAGGCC 497
QY 481 ATTACCTAAGACCCCTTCAAGAAATATGACTCTAAGTCCATCTTTTATATGATCTGCC 540
DB 498 ATTACCTAAGACCCCTTCAAGAAATATGACTCTAAGTCCATCTTTTATATGATCTGCC 557
QY 541 TGAAGTCATAGATGATTTCGCTCTGCGCCCACTGAAAGACAGCTTTTCAAGTGTCCAAATG 600
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QY 601 CAACTGCACTTTGCGGGAATGAAATGTCATGTGCGGTAACCAAGCCAAACTCAACTA 660
DB 618 CAACTGCACTTTGCGGGAATGAAATGTCATGTGCGGTAACCAAGCCAAACTCAACTA 677
QY 661 CGCTCTTCTGATGATTTTGGAAATCACATCTGCCGCTGAGTTTTCAGTCACTCTGAT 720
DB 678 CGCTCTTCTGATGATTTTGGAAATCACATCTGCCGCTGAGTTTTCAGTCACTCTGAT 737
QY 721 GTCACTGCAAGCCCATCTGTTGTGAAACCCCAATCCACCTTAGTGTTCATATGGAAGT 780

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DB 738 GTCACTGCAAGCCCATGCTTGTGTGAAACCCGATCCACCTTAGCTTGTGCATATGGAAGT 797
QY 781 CACAGATGATGTAATTTAAAGATTTCTTTGGACAGCCAAACAATGCGACCACTTTCCGCT 840
DB 798 CACAGATGATGTAATTTAAAGATTTCTTTGGACAGCCAAACAATGCGACCACTTTCCGCT 857
QY 841 TCAATATCAGGTGAAATATTTAGAGAAATTTCAATTTGTAAGAGAGGCTGCTGAAATTTGT 900
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DB 918 CTCAGCTACATCTCTGCTGGTAGACAGTGTGTTCTCGATCTTCATATGAGGTCAGGT 977
QY 961 GAGGAGCAAGAGACTGGATGTTTCAAGGAGTCTGGAGTCACTGAGGTCACCTCAAGTCTT 1020
DB 978 GAGGAGCAAGAGACTGGATGTTTCAAGGAGTCTGGAGTCACTGAGGTCACCTCAAGTCTT 1037
QY 1021 TACCACACAGATGTTGTGTATTTTCCACCCCAAAATTTCTGACTAGTGTGGATCGAATGC 1080
DB 1038 TACCACACAGATGTTGTGTATTTTCCACCCCAAAATTTCTGACTAGTGTGGATCGAATGC 1097
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DB 1098 TTCTTTTTCATTGCTACTACAAAACGAAAACAGAAATTTATCTCTCAAAACAGATAGTTTG 1157
QY 1141 GTGGAGGAATCTAGCTGAGAAATCCCTGAGATACAGTACAGCATTTGTGAGTGACCGAGT 1200
DB 1158 GTGGAGGAATCTAGCTGAGAAATCCCTGAGATACAGTACAGCATTTGTGAGTGACCGAGT 1217
QY 1201 TAGCAAAGTTACCTTCTCCAACTGAAAGCCACAGACCTCGAGGGAAGTTTACCTATGA 1260
DB 1218 TAGCAAAGTTACCTTCTCCAACTGAAAGCCACAGACCTCGAGGGAAGTTTACCTATGA 1277
QY 1261 CGCAGTGTACTGTGCAATGAGCAGCGCTGCATCACCGCTATGCTGAAATATATACGTGAT 1320
DB 1278 CGCAGTGTACTGTGCAATGAGCAGCGCTGCATCACCGCTATGCTGAAATATATACGTGAT 1337
QY 1321 CGATGTCATATCAATATATATCATGTGAAACTGAGCGGTACTTAACTAAATGACTTGAG 1380
DB 1338 CGATGTCATATCAATATATATCATGTGAAACTGAGCGGTACTTAACTAAATGACTTGAG 1397
QY 1381 ATGTCACCCAGCACAATCCCAATCACTAGTGGGAAGCACTGTGCACTGAGGTATCAAG 1440
DB 1398 ATGTCACCCAGCACAATCCCAATCACTAGTGGGAAGCACTGTGCACTGAGGTATCAAG 1457
QY 1441 GCGCAGCTGTATTGTCTGTATAGTCCATCTATTATTCATCTACGTCTGAGCCCAAACTG 1500
DB 1458 GCGCAGCTGTATTGTCTGTATAGTCCATCTATTATTCATCTACGTCTGAGCCCAAACTG 1517
QY 1501 CGTCTTACAGAGAGACGGCTTTTATGATGTGTTTCCAGCCCAATCTTTCTATTATCTGG 1560
DB 1518 CGTCTTACAGAGAGACGGCTTTTATGATGTGTTTCCAGCCCAATCTTTCTATTATCTGG 1577
QY 1561 CTATACAATGTGGATCAGGATCAACCAATCTTTAGTTTCACTTGTACTGCCCAACCACTG 1620
DB 1578 CTATACAATGTGGATCAGGATCAACCAATCTTTAGTTTCACTTGTACTGCCCAACCACTG 1637
QY 1621 TGTCTTCTGACTCCGCTAGTAAACCACTACCTCCATCTAAACGTAAGACAGAGATTAC 1680
DB 1638 TGTCTTCTGACTCCGCTAGTAAACCACTACCTCCATCTAAACGTAAGACAGAGATTAC 1697
QY 1681 TGTAAACACTGGATTTTGAAGATCTTTGGGAAAGCCAGTCTTTCCGGAGAAATACCT 1740
DB 1698 TGTAAACACTGGATTTTGAAGATCTTTGGGAAAGCCAGTCTTTCCGGAGAAATACCT 1757
QY 1741 TCAATTTCCAGATTCGATATGCTTAAGTGGAAAGAAATCAATGGAAGACACATGAGGT 1800
DB 1758 TCAATTTCCAGATTCGATATGCTTAAGTGGAAAGAAATCAATGGAAGACACATGAGGT 1817
QY 1801 ATTGATCAAAAGTCAAAAGTCTGCCAGCTCTGCTGAGTGTGAGACCTCTGCTGAGTCTATGT 1860
DB 1818 ATTGATCAAAAGTCAAAAGTCTGCCAGCTCTGCTGAGTGTGAGACCTCTGCTGAGTCTATGT 1877

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QY 1004 AGTTCACTCAAGTCTTTTACCAACAAGATGTTGTGTAATTTTCCACCCCAAAATTTGACT 1063
DB 961 AGTTCACTCAAGTCTTTTACCAACAAGATGTTGTGTAATTTTCCACCCCAAAATTTGACT 1020
QY 1064 AGTTGTTGGAATCGAATGCTTTTTCATTCGATCTTACAAAAGGAAACAGATTTATCTCC 1123
DB 1021 AGTTGTTGGAATCGAATGCTTTTTCATTCGATCTTACAAAAGGAAACAGATTTATCTCC 1080
QY 1124 TCAAAAACAGATAGTCTTGGTGGAGGAATCTAGCTGAGAAAATCCCTGAGATACAGTACAGC 1183
DB 1081 TCAAAAACAGATAGTCTTGGTGGAGGAATCTAGCTGAGAAAATCCCTGAGATACAGTACAGC 1140
QY 1184 ATTGTGAGTGACCGAGTTAGAAAAGTTACCTTCTCAACCTGAAAGCCACAGACCTCGA 1243
DB 1141 ATTGTGAGTGACCGAGTTAGAAAAGTTACCTTCTCAACCTGAAAGCCACAGACCTCGA 1200
QY 1244 GGGAAAGTTTACCTATGACCGAGGTACTGCTCAATGAGCGCGTGCATCACCGCTAT 1303
DB 1201 GGGAAAGTTTACCTATGACCGAGGTACTGCTCAATGAGCGCGTGCATCACCGCTAT 1260
QY 1304 GCTGAATTTATACGTGATCGATGCAATATCAATATATCATGTGAAACTGACCGGTACTTA 1363
DB 1261 GCTGAATTTATACGTGATCGATGCAATATCAATATATCATGTGAAACTGACCGGTACTTA 1320
QY 1364 ACTAAAATGACTTGCAGATGGTCAACCCAGACCAATCAATCACTAGTGGGAAGCACTGTG 1423
DB 1321 ACTAAAATGACTTGCAGATGGTCAACCCAGACCAATCAATCACTAGTGGGAAGCACTGTG 1380
QY 1424 CAGCTGAGGTATCACAGGCGAGCCTGTATTGCTGATAGTCCATCTATTATCTCTAGC 1483
DB 1381 CAGCTGAGGTATCACAGGCGAGCCTGTATTGCTGATAGTCCATCTATTATCTCTAGC 1440
QY 1484 TCTGAGCCCAAAACTGCTTACAGAGAGCGGCTTTTATGAATGCTGTTTTTCAGGCA 1543
DB 1441 TCTGAGCCCAAAACTGCTTACAGAGAGCGGCTTTTATGAATGCTGTTTTTCAGGCA 1500
QY 1544 ATCTTTCTATTATCTGGCTATACAATGTGGATCAGGATCAACCATCTTTTAGGTTCACIT 1603
DB 1501 ATCTTTCTATTATCTGGCTATACAATGTGGATCAGGATCAACCATCTTTTAGGTTCACIT 1560
QY 1604 GACTGCCCAACAGTGTCTCTGATCGTGTAGTAAACCACTACTCCATCTCACTTAAC 1663
DB 1561 GACTGCCCAACAGTGTCTCTGATCGTGTAGTAAACCACTACTCCATCTCACTTAAC 1620
QY 1664 GTAAAAGCAGAGATTAAGTAAACACTGGATTTATTCAGAGTATCTTGGGAAGCCAGTC 1723
DB 1621 GTAAAAGCAGAGATTAAGTAAACACTGGATTTATTCAGAGTATCTTGGGAAGCCAGTC 1680
QY 1724 TTTCCGGAGATAACCTTCAATTTCCAGATTCGATATGGCTTAAGTGGAAGAAATACAA 1783
DB 1681 TTTCCGGAGATAACCTTCAATTTCCAGATTCGATATGGCTTAAGTGGAAGAAATACAA 1740
QY 1784 TGAAGACATAGAGTATTCGATCAAAAGTCAAAAGTCTGCCAGCCTGTGTTGTCAGAC 1843
DB 1741 TGAAGACATAGAGTATTCGATCAAAAGTCAAAAGTCTGCCAGCCTGTGTTGTCAGAC 1800
QY 1844 CTCTGTGCACTCTATGTGTCCAGGTTCCGTGCGCGGCTTGGATGACTAGGATTTGG 1903
DB 1801 CTCTGTGCACTCTATGTGTCCAGGTTCCGTGCGCGGCTTGGATGACTAGGATTTGG 1860
QY 1904 AGTAATTGGAGCAGTCCAGCCTATACGCTTGTCTGATGTAAGTCTTCTATGAGAGG 1963
DB 1861 AGTAATTGGAGCAGTCCAGCCTATACGCTTGTCTGATGTAAGTCTTCTATGAGAGG 1920
QY 1964 CTTGAATTTTGGAGAAAAATGGATGGGACGTTTACTTAAAAGGAGAGAAATGTCACTTG 2023
DB 1921 CTTGAATTTTGGAGAAAAATGGATGGGACGTTTACTTAAAAGGAGAGAAATGTCACTTG 1980
QY 2024 CTTTGAAGCCCTGACGAAAAATGACTACTGTGTAGTGTGAGGAGGTACGTGGTGAAG 2083
DB 1981 CTTTGAAGCCCTGACGAAAAATGACTACTGTGTAGTGTGAGGAGGTACGTGGTGAAG 2040
QY 2084 CATCGTACTGCCCAACATGGAGCGTGGTCAGAAAGATGTGGGAAATCGGACCAATCTCACT 2143

RESULT 5

US-08-779-457-8

; Sequence 8, Application US/08779457

; Publication No. US20020193571A1

; GENERAL INFORMATION:

; APPLICANT: Carter, Paul J.

; APPLICANT: Chiang, Nancy Y.

; APPLICANT: Kyung, Jin Kim

; APPLICANT: Matthews, William

; APPLICANT: Rodriguez, Maria L.

; TITLE OF INVENTION: WSX RECEPTOR AGONIST ANTIBODIES

; NUMBER OF SEQUENCES: 51

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Genentech, Inc.

; STREET: 460 Point San Bruno Blvd

; CITY: South San Francisco

; STATE: California

; COUNTRY: USA

; ZIP: 94080

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: WinPatIn (Genentech)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/779,457

; FILING DATE:

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/667197

; FILING DATE: 06/20/96

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/585005

; FILING DATE: 01/08/96

; ATTORNEY/AGENT INFORMATION:

; NAME: Lee, Wendy M.

; REGISTRATION NUMBER: 40,378

; REFERENCE/DOCKET NUMBER: P0986P2

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 415/225-1994

; TELEFAX: 415/952-9881

; TELE: 910/371-7168

; INFORMATION FOR SEQ ID NO: 8:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 2868 base pairs

; TYPE: Nucleic Acid

; STRANDEDNESS: Single

; TOPOLOGY: Linear

US-08-779-457-8

DB 2041 CATCTACTGCCCAACAATGGGACGTGGTCAGAAGATGTGGGAAATCGGACCAATCTCACT 2100
QY 2144 TTCCCTGTGGACAGAACACGAGCGCACACTGTTTACAGTTCTTGGCTGTCAATTCCTCCGCGCT 2203
DB 2101 TTCCCTGTGGACAGAACACGAGCGCACACTGTTTACAGTTCTTGGCTGTCAATTCCTCCGCGCT 2160
QY 2204 TCCCTTGTGAATTTTAACTTACCTTCTCATGGCCCATGAGTAAAGTGTGCTGTGGAG 2263
DB 2161 TCCCTTGTGAATTTTAACTTACCTTCTCATGGCCCATGAGTAAAGTGTGCTGTGGAG 2220
QY 2264 TCACCTCAGTGTCTTATCCCTGAGCAGCAGCTGTGTCTTCTTCCCTGGACACTGTCACT 2323
DB 2221 TCACCTCAGTGTCTTATCCCTGAGCAGCAGCTGTGTCTTCTTCCCTGGACACTGTCACT 2280
QY 2324 GATGATATTAGTCTCTTATATCTGTTTATGTAATGGAAGATCCCTTAATGAAGATGATGA 2383
DB 2281 GATGATATTAGTCTCTTATATCTGTTTATGTAATGGAAGATCCCTTAATGAAGATGATGA 2340
QY 2384 ATGAAGTGGCTTAGAATTTCCCTCGAATGTTAAAAAGTTTTATATCCACGGTATGTACT 2443
DB 2341 ATGAAGTGGCTTAGAATTTCCCTCGAATGTTAAAAAGTTTTATATCCACGATAATTTATT 2400

Query Match		96.1%;	Score 2364.6;	DB 8;	Length 2868;	
Best Local Similarity		99.7%;	Pred. No. 0;			
Matches 2389;		Conservative	0;	Mismatches 4;	Indels 2;	Gaps 2;
QY	1	GAGGAATCGTCTTGCAAAATCCAGGTGACACCTCTGAAGAAAGATGATGTGCAGAAAT	60			
DB	475	GAGGAATCGTCTGCAAAATCCAGGTGACACCTCTGAAGAAAGATGATGTGCAGAAAT	534			
QY	61	CTATGTGGTTTGTGTTACATCGGAATTTCTTTATGTGATGATGCTTAACTTGGCATA	120			
DB	535	CTATGTGGTTTGTGTTACATCGGAATTTCTTTATGTGATGATGCTTAACTTGGCATA	594			
QY	121	TCCAATCTCTCCCTGGAATTTAAAGTTGTTTGTGGACCAACGATGACTC	180			
DB	595	TCCAATCTCTCCCTGGAATTTAAAGTTGTTTGTGGACCAACGATGACTC	654			
QY	181	CTTTCTCTCACCTGCTGGAGCCCAACAAATGCCTCGGCTTTGAAGGGGGCTTCTGAAGC	240			
DB	655	CTTTCTCTCACCTGCTGGAGCCCAACAAATGCCTCGGCTTTGAAGGGGGCTTCTGAAGC	714			
QY	241	AATGTGTGAAGCTAAATTTAAATCAAGTGTATCTACGTTCTCTGAGTTATCCAAACAGT	300			
DB	715	AATGTGTGAAGCTAAATTTAAATCAAGTGTATCTACGTTCTCTGAGTTATCCAAACAGT	774			
QY	301	CTTCCACTGTTGCTTGGGAATGAGCAAGGTCAAAATCTGCTCTGCACCTCACAGACAAC	360			
DB	775	CTTCCACTGTTGCTTGGGAATGAGCAAGGTCAAAATCTGCTCTGCACCTCACAGACAAC	834			
QY	361	TGAAGGGAAGACACTGGCTTTCAGTAGTGAAGGCTTCAGTTTTCGCCAGCTAGGTGTAAG	420			
DB	835	TGAAGGGAAGACACTGGCTTTCAGTAGTGAAGGCTTCAGTTTTCGCCAGCTAGGTGTAAG	894			
QY	421	CTGGGACATAGAGTGTGGATGAAGGGGACCTTGACATTTATCTGTCTATATGGAGCC	480			
DB	895	CTGGGACATAGAGTGTGGATGAAGGGGACCTTGACATTTATCTGTCTATATGGAGCC	954			
QY	481	ATTACTTAAGAACCCCTTCAAGAAATATGACTCTAAGGTCCATCTTTTATATGATCTGCC	540			
DB	955	ATTACTTAAGAACCCCTTCAAGAAATATGACTCTAAGGTCCATCTTTTATATGATCTGCC	1014			
QY	541	TGAAGTCATAGATGATTTCGCCCTCTGCCCACTGAAAGACGCTTTCAGACTGTCCAATG	600			
DB	1015	TGAAGTCATAGATGATTTCGCCCTCTGCCCACTGAAAGACGCTTTCAGACTGTCCAATG	1074			
QY	601	CAACTGCAGTCTTCGGGGATGTGAATGTCAATGTGCCGTTACCCAGAGCCAAACTCAACTA	660			
DB	1075	CAACTGCAGTCTTCGGGGATGTGAATGTCAATGTGCCGTTACCCAGAGCCAAACTCAACTA	1134			
QY	661	CGCTCTTCTGATGTATTTGGAAATCAATCTGCCCGGTGAGTTTTCAGTCACTCTGAT	720			
DB	1135	CGCTCTTCTGATGTATTTGGAAATCAATCTGCCCGGTGAGTTTTCAGTCACTCTGAT	1194			
QY	721	GTCACTGCAGCCCATGCTTGTGTGAACCCGATCCACCTTAGTTTGCATATGGAAGT	780			
DB	1195	GTCACTGCAGCCCATGCTTGTGTGAACCCGATCCACCTTAGTTTGCATATGGAAGT	1254			
QY	781	CACAGATGATGTAATTTAAAGATTTCTTGGGACAGCCAAACAAATGGCACCAATTTCCGCT	840			
DB	1255	CACAGATGATGTAATTTAAAGATTTCTTGGGACAGCCAAACAAATGGCACCAATTTCCGCT	1314			
QY	841	TCAATATCAGGTGAATATTTAGAAATTTCTAATAATTGTAAGAGAGGCTGCTGAAATGT	900			
DB	1315	TCAATATCAGGTGAATATTTAGAAATTTCTAATAATTGTAAGAGAGGCTGCTGAAATGT	1374			
QY	901	CTCAGCTACATCTCTGCTGTAGACAGTGTCTTCTCGATCTTCAATATGAGGTCAGGT	960			
DB	1375	CTCAGCTACATCTCTGCTGTAGACAGTGTCTTCTCGATCTTCAATATGAGGTCAGGT	1434			
QY	961	GAGGAGCAAGACATGGATGGTTTCAGGAGTCTGAGGAGTCACTGGAGTTCAAGTCTT	1020			
DB	1435	GAGGAGCAAGACATGGATGGTTTCAGGAGTCTGAGGAGTCACTGGAGTTCAAGTCTT	1494			
QY	1021	TACCACACAGATGTTGTGTATTTTTCCACCCAAAATTTCTGACTAGTGTGGATCGAATGC	1080			
DB	1495	TACCACACAGATGTTGTGTATTTTTCCACCCAAAATTTCTGACTAGTGTGGATCGAATGC	1554			
QY	1081	TTCTTTTCATTGTCATCTACAAAAACGAAAAACGAGATTATCTCCTCAAAACAGATAGTTTG	1140			
DB	1555	TTCTTTTCATTGTCATCTACAAAAACGAAAAACGAGATTATCTCCTCAAAACAGATAGTTTG	1614			
QY	1141	GTGGAGGAATCTAGCTGAGAAAAATCCCTGTAGANATACAGTACAGCATTTGTAGTGACCGAGT	1200			
DB	1615	GTGGAGGAATCTAGCTGAGAAAAATCCCTGTAGANATACAGTACAGCATTTGTAGTGACCGAGT	1674			
QY	1201	TAGCAAAAGTTACTTCTCCAACTGAAACCCACAGACCTCGAGGGAAGTTTACCTATGA	1260			
DB	1675	TAGCAAAAGTTACTTCTCCAACTGAAACCCACAGACCTCGAGGGAAGTTTACCTATGA	1734			
QY	1261	CGCAGTGTACTGCTGCAATGAGCAGCGTGCATCACCGCTATGCTGAATTTATACGTGAT	1320			
DB	1735	CGCAGTGTACTGCTGCAATGAGCAGCGTGCATCACCGCTATGCTGAATTTATACGTGAT	1794			
QY	1321	CGATGTCAATATCAATATATCATGTGAAACTGACGGGTACTTTAACTAAAAAGTCTTGAC	1380			
DB	1795	CGATGTCAATATCAATATATCATGTGAAACTGACGGGTACTTTAACTAAAAAGTCTTGAC	1854			
QY	1381	ATGGTCACCCAGCACAATCCCAATCACTAGTGGGAGCACTGTGCAGCTGAGGTATCACAG	1440			
DB	1855	ATGGTCACCCAGCACAATCCCAATCACTAGTGGGAGCACTGTGCAGCTGAGGTATCACAG	1914			
QY	1441	GCGCAGCTGTATTGCTCTGATAGTCCATCTATTTCATCTACGCTGAGCCCAAAAACCTG	1500			
DB	1915	GCGCAGCTGTATTGCTCTGATAGTCCATCTATTTCATCTACGCTGAGCCCAAAAACCTG	1973			
QY	1501	CGTCTTACAGAGAGCGGCTTTTATGAATGTGTTTTTCAGCCCAATCTTTTCTATTATCTGG	1560			
DB	1974	CGTCTTACAGAGAGCGGCTTTTATGAATGTGTTTTTCAGCCCAATCTTTTCTATTATCTGG	2033			
QY	1561	CTATCAATGTGGA-TCAGGATCAACCAATCTTTTAGTTTCACTTGACTCGCCACCAACGT	1619			
DB	2034	CTATCAATGTGGA-TCAGGATCAACCAATCTTTTAGTTTCACTTGACTCGCCACCAACGT	2093			
QY	1620	GTGTCCTTCTGACTCCGTAGTAAAAACCACTACCTCCATCTAAACGTAAGGACAGAGATTA	1679			
DB	2094	GTGTCCTTCTGACTCCGTAGTAAAAACCACTACCTCCATCTAAACGTAAGGACAGAGATTA	2153			
QY	1680	CTGTAAAACACTGGATTTATGAAAGTATCTTGGGAAAAGCCAGCTTTTCCGGAGATAACC	1739			
DB	2154	CTGTAAAACACTGGATTTATGAAAGTATCTTGGGAAAAGCCAGCTTTTCCGGAGATAACC	2213			
QY	1740	TTCAATTCAGATTCGATATCGCTTAAAGTGAAGAAATACAAATGGAAGACACATGAGG	1799			
DB	2214	TTCAATTCAGATTCGATATCGCTTAAAGTGAAGAAATACAAATGGAAGACACATGAGG	2273			
QY	1800	TATTTCGATGCAAAAGTCTGCCAGCTGTGGTGTGTCAGACCTCTGTGCAGTCTATG	1859			
DB	2274	TATTTCGATGCAAAAGTCTGCCAGCTGTGGTGTGTCAGACCTCTGTGCAGTCTATG	2333			
QY	1860	TGGTCCAGGTTTCGTCGCCGCGTTGGATGGAATAGGATATTTGGAGTAATTTGGAGAGT	1919			
DB	2334	TGGTCCAGGTTTCGTCGCCGCGTTGGATGGAATAGGATATTTGGAGTAATTTGGAGAGT	2393			
QY	1920	CAGCCTATACGCTTGTCTAGATGTAAAGTTCTCTATGAGAGGCGCTGAAATTTTGGAGAA	1979			
DB	2394	CAGCCTATACGCTTGTCTAGATGTAAAGTTCTCTATGAGAGGCGCTGAAATTTTGGAGAA	2453			
QY	1980	AAATGGATGGGAGCTTACTAAAAAGGAGAGAAATGTCACTTGTCTTTTGGAGGCCCTTGA	2039			
DB	2454	AAATGGATGGGAGCTTACTAAAAAGGAGAGAAATGTCACTTGTCTTTTGGAGGCCCTTGA	2513			
QY	2040	CGAAAAATGACTCACTGTGTAGTGTGAGGAGGTACGTGGTGAAGCATCGTACTGCCACA	2099			
DB	2514	CGAAAAATGACTCACTGTGTAGTGTGAGGAGGTACGTGGTGAAGCATCGTACTGCCACA	2573			
QY	2100	ATGGGACGTGTGTCAGAGATGTGGGAAATCGGACCAATCTCCTTCTGTGTGGACAGAAC	2159			

Db 2574 ATGGGACGTGGTGCAGAGATGTGGGAAATCGGACCAATCTCACTTTCCTGTGGACAGAAC 2633
 Qy 2160 CAGCGCACACTGTTACAGTTCCTGGCTCAATTCCTCGGCGCTCCCTTGTGAATTTTA 2219
 Db 2634 CAGCGCACACTGTTACAGTTCCTGGCTCAATTCCTCGGCGCTCCCTTGTGAATTTTA 2693
 Qy 2220 ACCTTACCTTCTCATGCCCATGAGTAAAGTGAAGTGTGCTGTGGAGTCACTCAGTGTCTTATC 2279
 Db 2694 ACCTTACCTTCTCATGCCCATGAGTAAAGTGAAGTGTGCTGTGGAGTCACTCAGTGTCTTATC 2753
 Qy 2280 CCGTGAGCAGCAGTGTGTCATCCCTTCTCGGACACTGTCACTGAGTAAATATAGTCTGT 2339
 Db 2754 CCGTGAGCAGCAGTGTGTCATCCCTTCTCGGACACTGTCACTGAGTAAATATAGTCTGT 2813
 Qy 2340 TATATCTGGTATTAAGTGAAGATCCTTAATGAAGATGATGAATGAAGTGGCT 2394
 Db 2814 TATATCTGGTATTAAGTGAAGATCCTTAATGAAGATGATGAATGAAGTGGCT 2868

RESULT 6

US-10-214-802-8
 ; Sequence 8, Application US/10214802
 ; Publication No. US20030004109A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Matthews, William
 ; Bennett, Brian
 ; TITLE OF INVENTION: WSX RECEPTOR
 ; NUMBER OF SEQUENCES: 45
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Genentech, Inc.
 ; STREET: 460 Point San Bruno Blvd
 ; CITY: South San Francisco
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 94080
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Winpatin (Genentech)
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/10/214,802
 ; FILING DATE: 06-Aug-2002
 ; CLASSIFICATION: <Unknown>
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/780,562
 ; FILING DATE: <Unknown>
 ; APPLICATION NUMBER: 08/585005
 ; FILING DATE: 08-Jan-97
 ; APPLICATION NUMBER: 60/
 ; FILING DATE: 08-Jan-97
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Lee, Wendy M.
 ; REGISTRATION NUMBER: 40,378
 ; REFERENCE/DOCKET NUMBER: P0986R1
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 415/225-1994
 ; TELEFAX: 415/952-9881
 ; TELEX: 910/371-7168
 ; INFORMATION FOR SEQ ID NO: 8:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 2868 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 8:
 US-10-214-802-8

Query Match 96.1%; Score 2364.6; DB 14; Length 2868;
 Best Local Similarity 99.7%; Pred. No. 0;
 Matches 2389; Conservative 0; Mismatches 4; Indels 2; Gaps 2;

Qy 1 GAGGAATCGTTCTGCAAAATCCAGGTGTACACTCTGAGAAAGAGATGATGTGTGAGAAATTT 60
 Db 475 GAGGAATCGTTCTGCAAAATCCAGGTGTACACTCTGAGAAAGAGATGATGTGTGAGAAATTT 534
 Qy 61 CTATGTGTTTGTGTACACTGGGAATTTCTTTATGTGATAGCTGCATTTAACTCTGGCATA 120
 Db 535 CTATGTGTTTGTGTACACTGGGAATTTCTTTATGTGATAGCTGCATTTAACTCTGGCATA 594
 Qy 121 TCCAAATCTCTCCCTGGAATTTAAGTTCGTTTGTGGACCCAGCAACACCAACCGATGACTC 180
 Db 595 TCCAAATCTCTCCCTGGAATTTAAGTTCGTTTGTGGACCCAGCAACACCAACCGATGACTC 654
 Qy 181 CTTTCTCTCACCTGCTGGAGCCCAAAACAATTCCTCGGCTTTGAAGGGGGCTTCTGAAGC 240
 Db 655 CTTTCTCTCACCTGCTGGAGCCCAAAACAATTCCTCGGCTTTGAAGGGGGCTTCTGAAGC 714
 Qy 241 AATTGTTGAAGCTAAATTTAATTCAAGTGGTATCTACGTTCTCTGAGTTATCCAAACAGT 300
 Db 715 AATTGTTGAAGCTAAATTTAATTCAAGTGGTATCTACGTTCTCTGAGTTATCCAAACAGT 774
 Qy 301 CTTCCACTGTTGCTTTGGGAATGAGCAAGGTCAAAACTGCTCTGCACCTCACAGACAACAC 360
 Db 775 CTTCCACTGTTGCTTTGGGAATGAGCAAGGTCAAAACTGCTCTGCACCTCACAGACAACAC 834
 Qy 361 TGAAGGGAAGACACCTGGCTTCAGTAGTGAAGGCTTCAGTTTTTCGCCAGTAGGTGTAAA 420
 Db 835 TGAAGGGAAGACACCTGGCTTCAGTAGTGAAGGCTTCAGTTTTTCGCCAGTAGGTGTAAA 894
 Qy 421 CTGGGACATAGAGTCTGGATGAAAGGGGACTTGACATTTATTCATCTGTATATGGAGCC 480
 Db 895 CTGGGACATAGAGTCTGGATGAAAGGGGACTTGACATTTATTCATCTGTATATGGAGCC 954
 Qy 481 ATTACCTAAGAACCCCTTCAAGAAATATGACTCTAAGGTCCATCTTTTATATGATCTGCC 540
 Db 955 ATTACCTAAGAACCCCTTCAAGAAATATGACTCTAAGGTCCATCTTTTATATGATCTGCC 1014
 Qy 541 TGAAGTCAATAGATGATTCGCTCTGCCCCCACTGAAAGACAGCTTTTCAGACTGTCCAATG 600
 Db 1015 TGAAGTCAATAGATGATTCGCTCTGCCCCCACTGAAAGACAGCTTTTCAGACTGTCCAATG 1074
 Qy 601 CAACGTGAGTCTTCGGGGATGTGAATGTGATGTCGGGTACCCAGAGCCAAACTCAACTA 660
 Db 1075 CAACGTGAGTCTTCGGGGATGTGAATGTGATGTCGGGTACCCAGAGCCAAACTCAACTA 1134
 Qy 661 CGCTCTCTGATGTATTTGGAAATCACATCTGCGGTGTGAGTTTTCAGTCACTCTGAT 720
 Db 1135 CGCTCTCTGATGTATTTGGAAATCACATCTGCGGTGTGAGTTTTCAGTCACTCTGAT 1194
 Qy 721 CTCACGTGAGCCCATGCTTGTGTGAAACCCGATCCACCTTTAGGTTTGCATATGGAAGT 780
 Db 1195 CTCACGTGAGCCCATGCTTGTGTGAAACCCGATCCACCTTTAGGTTTGCATATGGAAGT 1254
 Qy 781 CACAGATGATGTTAATTTAAAGATTTCTTGGGACAGCCAAACAATGGGACCAATTTCCGCT 840
 Db 1255 CACAGATGATGTTAATTTAAAGATTTCTTGGGACAGCCAAACAATGGGACCAATTTCCGCT 1314
 Qy 841 TCAATATCAGGTGAAATATTTAGAGAAATTTCTACAAATTCGTAAGAGAGGCTGTGAAATGT 900
 Db 1315 TCAATATCAGGTGAAATATTTAGAGAAATTTCTACAAATTCGTAAGAGAGGCTGTGAAATGT 1374
 Qy 901 CTCAGCTACATCTCTGCTGGTGTAGAGTGTCTTCTCGGATCTTCATATGAGGTCCAGGT 960
 Db 1375 CTCAGCTACATCTCTGCTGGTGTAGAGTGTCTTCTCGGATCTTCATATGAGGTCCAGGT 1434
 Qy 961 CAGGAGCAAGAGACTGGATGTTTCAAGAGTCTGGAGTGTGGAGTTCACCTCAAGTCTT 1020
 Db 1435 CAGGAGCAAGAGACTGGATGTTTCAAGAGTCTGGAGTGTGGAGTTCACCTCAAGTCTT 1494
 Qy 1021 TACCACACAAGATGTTGTATTTTCCACCCAAATTTCTGACTAGTGTGTGATCAATGTC 1080
 Db 1495 TACCACACAAGATGTTGTATTTTCCACCCAAATTTCTGACTAGTGTGTGATCAATGTC 1554
 Qy 1081 TTCTTTTCATTGTCATCTACAAAAACGMAAACACAGATTATCTCCTCAAAACAGATAGTTTG 1140

Qy	344	GC	ACTCA	CAG	CAAC	CA	CTGA	AGG	AAG	A	CA	CA	CTGG	CTT	CAG	TAG	TGA	AGG	CTT	CAG	TTTTT	403	
Db																							
Qy	301	GC	ACTCA	CAG	CAAC	CA	CTGA	AGG	AAG	A	CA	CA	CTGG	CTT	CAG	TAG	TGA	AGG	CTT	CAG	TTTTT	360	
Db																							
Qy	404	CG	CAG	TAG	GTG	TAA	AA	CT	GGG	A	CA	TAG	AGT	GGT	CTG	TGA	TGA	AA	GGG	AGT	TTC	463	
Db																							
Qy	361	CG	CAA	CTAG	GTG	TAA	AA	CT	GGG	A	CA	TAG	AGT	GGT	CTG	TGA	TGA	AA	GGG	AGT	TTC	420	
Db																							
Qy	464	AT	CTG	TCA	TAT	GGA	CG	CA	TAC	CT	TAA	GAA	CC	CC	TT	CAA	GAA	TAT	TAT	GAC	TCT	523	
Db																							
Qy	421	AT	CTG	TCA	TAT	GGA	CG	CA	TAC	CT	TAA	GAA	CC	CC	TT	CAA	GAA	TAT	TAT	GAC	TCT	480	
Db																							
Qy	524	CT	TTT	TAT	TAT	GAT	CTG	CC	TGA	AGT	CA	TAG	ATG	TG	CG	CT	CTG	CC	CC	CA	CTG	583	
Db																							
Qy	481	CT	TTT	TAT	TAT	GAT	CTG	CC	TGA	AGT	CA	TAG	ATG	TG	CG	CT	CTG	CC	CC	CA	CTG	540	
Db																							
Qy	584	TT	T	CAG	ACT	GT	CCA	A	TG	CA	CT	CAG	TC	TT	CG	GG	GAT	GT	CA	AT	G	TC	643
Db																							
Qy	541	TT	T	CAG	ACT	GT	CCA	A	TG	CA	CT	CAG	TC	TT	CG	GG	AAT	GT	CA	AT	G	TC	600
Db																							
Qy	644	AG	AG	CC	AA	AC	T	CA	CT	AC	GT	CT	TT	CT	GAT	GT	AT	TG	AA	A	T	CA	703
Db																							
Qy	601	AG	AG	CC	AA	AC	T	CA	CT	AC	GT	CT	TT	CT	GAT	GT	AT	TG	AA	A	T	CA	660
Db																							
Qy	704	TT	T	CAG	TC	ACT	CT	GAT	GT	CA	CTG	AG	CC	CA	AT	GC	TT	GT	TG	AA	A	CC	763
Db																							
Qy	661	TT	T	CAG	TC	ACT	CT	GAT	GT	CA	CTG	AG	CC	CA	AT	GC	TT	GT	TG	AA	A	CC	720
Db																							
Qy	764	GG	TT	T	G	CAT	TAT	GGA	AGT	C	A	GAT	GT	GT	TAA	AGT	AT	TT	CT	GG	A	C	823
Db																							
Qy	721	GG	TT	T	G	CAT	TAT	GGA	AGT	C	A	GAT	GT	GT	TAA	AGT	AT	TT	CT	GG	A	C	780
Db																							
Qy	824	AT	GG	CA	CC	ATT	TC	CG	TT	CCA	AT	T	CAG	T	GAA	AT	TAT	TAG	A	GA	AT	T	883
Db																							
Qy	781	AA	AG	CA	CC	ATT	TC	CG	TT	CCA	AT	T	CAG	T	GAA	AT	TAT	TAG	A	GA	AT	T	840
Db																							
Qy	884	GAG	CT	G	CT	GAA	AT	T	G	T	CT	CAG	TC	A	CA	T	CT	G	T	G	T	G	943
Db																							
Qy	841	GAG	CT	G	CT	GAA	AT	T	G	T	CT	CAG	TC	A	CA	T	CT	G	T	G	T	G	900
Db																							
Qy	944	T	C	A	T	A	GAG	T	C	A	G	T	GAG	CA	G	A	G	A	C	T	G	A	1003
Db																							
Qy	901	T	C	A	T	A	GAG	T	C	A	G	T	GAG	CA	G	A	G	A	C	T	G	A	960
Db																							
Qy	1004	AG	T	C	A	C	C	T	CA	A	G	T	T	T	A	C	A	C	A	A	G	A	1063
Db																							
Qy	961	AG	T	C	A	C	C	T	CA	A	G	T	T	T	A	C	A	C	A	A	G	A	1020
Db																							
Qy	1064	AG	T	T	T	G	G	A	T	G	C	T	T	T	T	C	A	T	G	C	A	T	1123
Db																							
Qy	1021	AG	T	T	T	G	G	A	T	G	C	T	T	T	T	C	A	T	G	C	A	T	1080
Db																							
Qy	1124	T	C	A	A	A	C	A	G	A	T	T	T	T	T	T	T	T	T	T	T	T	1183
Db																							
Qy	1081	T	C	A	A	A	C	A	G	A	T	T	T	T	T	T	T	T	T	T	T	T	1140
Db																							
Qy	1184	A	T	T	G	T	G	A	T	G	A	T	T	A	G	T	T	A	G	T	T	A	1243
Db																							
Qy	1141	A	C	T	G	A	G	T	G	A	T	T	A	G	T	T	A	G	T	T	A	G	1200
Db																							
Qy	1244	G	G	A	G	T	T	A	C	T	A	T	A	G	C	A	G	T	G	T	A	G	1303
Db																							
Qy	1201	G	G	A	G	T	T	A	C	T	A	T	A	G	C	A	G	T	G	T	A	G	1260
Db																							
Qy	1304	G	C	T	G	A	A	T	T	A	T	A	G	C	A	G	T	G	T	A	G	C	1363
Db																							
Qy	1261	G	C	T	G	A	A	T	T	A	T	A	G	C	A	G	T	G	T	A	G	C	1320
Db																							
Qy	1364	A	C	T	A	A	A	A	T	A	G	A	T	G	G	T	A	C	C	A	A	T	1423
Db																							
Qy	1321	A	C	T	A	A	A	A	T	A	G	A	T	G	G	T	A	C	C	A	A	T	1380
Db																							

RESULT 8

RESULT 8
US-08-779-457-6

US-08-779-457-6
; Sequence 6, Application US/08779457; sequence 6, Application US/0871
: Publication No. US20020193571A1

Qy	1424	CAGCTGAGTATCA	CAGGGCGCAGCCTGTATTTGCTGTGATGCTCATCTATTCATCTCTACG	1488
Db	1381	CAGTTGAGGTATCA	CAGGGCGCAGCCTGTATCTGTCCCGATAATCCATCTATTCGTCTCTACA	1440
Qy	1484	TCTGAGCCCAAAAC	TGCGTCTTACAGAGAGCGGCTTTATGAATGTGTTTTCCAGCCA	1543
Db	1441	TCAGAGTCAAAAAC	TGCGTCTTACAGACAGATGGCTTTTATGNAATGTGTTTTCCAGCCA	1500
Qy	1544	ATCTTTCTATTAT	TCTGGCTATACAATGTGGATCAGGATCAACCAATCTTTTAGGTTCACATT	1603
Db	1501	ATCTTTCTATTAT	TCTGGCTATACAATGTGGATCAGGATCAACCAATCTTTTAGGTTCACATT	1560
Qy	1604	GACTCGGCCCAAG	TGTTGTCCTCTGACTCCGTAGTAAACCACTACTCTCATCTTAAC	1663
Db	1561	GACTCTCCACAAC	TGTTGTCCTCTCTGACTCCGTAGTAAACCACTACTCTCATCTTAAT	1620
Qy	1664	GTAAGAAGCAGAT	TACTGTAAACACTTGGATTATTGAAAGTATCTTTGGGAAAAGCCAGTC	1723
Db	1621	GTAAGAAGCAGAT	TACTTAACACTTGGATTATTGAAAGTATCTTTGGGAAAAGCCAGTC	1680
Qy	1724	TTTTCCGGAGAATA	ACCTTCAATTTCCAGATTTCGATATGGCTTTAAGTGGAAAGAAAATACAA	1783
Db	1681	TTTTCCAGAGAATA	ACCTTTCAGTTTCCAGATTTCGATATGGCTTTAATGGAAAAGAAAATACAA	1740
Qy	1784	TGGNAACATCAG	TGATTTTCGATGCAAAAGTCAAAAGTCTGCCAGCCTCTGGTGTGTCAGAC	1843
Db	1741	TGGAAGACACAC	GAGGTATTCGATGCAAAATCAAAATCGGCCAGCCTGCCAGTGTGAGAT	1800
Qy	1844	CTCTGTGCAGTCT	ATGTGGTTCGCTGTCGGCGGTTGGATGGACTAGGATATTTGG	1903
Db	1801	CTCTGTGCGGTCT	ATGTGGTTCGCTGTCGGCGGTTGGATGGACTAGGATATTTGG	1860
Qy	1904	AGTAATTGGAGC	AGTCCAGCTATACGTTGTGATGGATGTAAAAGTTCCTATGAGAGGG	1963
Db	1861	AGTAATTGGAGC	AGTCCAGCTATACGTTGTGATGGATGTAAAAGTTCCTATGAGAGGG	1920
Qy	1964	CCTGAAATTTTGG	AGAAAATGGATGGGACGTTACTATAAAGAGAGAGAAAATGTCACTTTG	2023
Db	1921	CCTGAAATTTTGG	AGAAAATGGATGGGATTTACTATAAAGAGAGAGAAAATGTCACTTTG	1980
Qy	2024	CTTTTGGAAAGCC	CTGACGAAAATGACTCACTGTGTAGTGTGAGGAGTAGCTGGTGAAG	2083
Db	1981	CTTTTGGAAAGCC	CTGATGAAAATGACTCACTGTGTAGTGTGAGGAGTAGCTGGTGAAG	2040
Qy	2084	CATCTGATCTGCC	CAATGGGACGTGGTCAGAAAGATGTGGGAAATCGGACCAATCTCACT	2143
Db	2041	CATCTGATCTGCC	CAATGGGACATGGTCACAAAGATGTGGGAAATCAGACCAATCTCACT	2100
Qy	2144	TTCTGTGGAGCA	GAACACAGCGCACCTGTTTACAGTTTCTCGCTGTCAATTTCCCTCGCGCT	2203
Db	2101	TTCTGTGGAGCA	GAATCAGCACACTGTTACAGTTTCTCGCTGTCAATTTCCATTCGGTGCC	2160
Qy	2204	TCCCTTTGTGAAT	TTTTAACCTTCTCATGGCCCATCAGTAAAGTGAGTGTCTGGAG	2263
Db	2161	TCCCTTTGTGAAT	TTTTAACCTTCTCATGGCCCATCAGTAAAGTGAGTGTCTGGAG	2220
Qy	2264	TCACTCAGTGTCT	TATCCCTGTGACGACGCTGTGTCACTCTTTTCTGGACACTGTCACT	2323
Db	2221	TCACTCAGTGTCT	TATCCCTGTGACGACGCTGTGTCACTCTTTTCTGGACACTGTCACT	2280
Qy	2324	GATGATTATAGT	CTGTATATCTGGTTATTTGAATGGAAGATCCTTTAATGAGATGATGGA	2383
Db	2281	AATGATTATAGT	CTGTATATCTGGTTATTTGAATGGAAGATCCTTTAATGATGATGGA	2340
Qy	2384	ATGAATGGCTTGA	AAATCCCTCGAATGTAAAAGTTTTATATCCACGGTATGTGTACT	2443
Db	2341	ATGAATGGCTTGA	AAATCCCTCGAATGTAAAAGTTTTATATCCATGATAAATTTAT	2400

GENERAL INFORMATION:
APPLICANT: Carter, Paul J.
APPLICANT: Chiang, Nancy Y.
APPLICANT: Kyung, Jin Kim
APPLICANT: Matthews, William
APPLICANT: Rodriguez, Maria L.
TITLE OF INVENTION: WSX RECEPTOR AGONIST ANTIBODIES
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Winpatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/779,457
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/667197
FILING DATE: 06/20/96
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/595005
FILING DATE: 01/08/96
ATTORNEY/AGENT INFORMATION:
NAME: Lee, Wendy M.
REGISTRATION NUMBER: 40,378
REFERENCE/DOCKET NUMBER: P098692
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-1994
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 3102 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
US-08-779-457-6

Query Match 68.8%; Score 1692.2; DB 8; Length 3102;
Best Local Similarity 81.7%; Pred. No. 0;
Matches 1981; Conservative 0; Mismatches 438; Indels 6; Gaps 2;

QY	23	GGTGTACACCTCTGAAGAAGATGATGTGAGAAATTCATGTGGTTTGTACACTGG	82
DB	106	GGTGTACTCTCTGAAGTAAAGATGATTTGTCAAAAATTCGTGTGGTTTGTACATTTGG	165
QY	83	GAATTTCTTTATGTGATAGTCGACTTAACCTGGCATATCCAATCTCCCTGGAAATTT	142
DB	166	GAATTTATTTATGTGATACCTGGTTAACTTGTCAATCCAATTTACTCTTGGAGATTT	225
QY	143	AAATTTGTTTGGACCAACCGAGATGACTCTTTCTCTCACTGCTCGAGCC	202
DB	226	AAATTTGTCTTGATGCCACCAATTAACCTATGACTACTTCTTTTGGCTGCTGGAATC	285
QY	203	CCAAACATGCTCGGCTTTGAAGGGGCTTCTGAAGCAATTTGAAGCTAAATTAAT	262
DB	286	TCAAGAATACCTCAAAATTCGAATGGACATTAATGACAGAGCTGTTGAACCTTAAGTTAAT	345
QY	263	TCAAGTGGTATCTAGCTTCTCAGTTATCCAAAACAGTCTTCCACTGTTGCTTTTGGGAAT	322
DB	346	TCAAGTGGTACTCACTTTCTTAACCTATTCAAAACAACTTTCACCTGTTTGGAGT	405
QY	323	GAGCAAGTCAAACTGCTCTGCACTCAGACAACTGAGGGAAGACACTGGCTTCA	382
DB	406	GAGCAAGTAGAACTGCTCTTATGTGACAGAACTTGAAGGAAGACATTTGTTTCA	465

QY	383	GTAGTGAAGGCTTCAGTTTTCGCCAGCTAGTGTAAACTGGACATAGAGTGTCTGGATG	442
DB	466	ACAGTAAATTCCTTTAGTTTTTCAACAATAGATGCAAACTGAAACATACAGTGTGGCTA	525
QY	443	AAAGGGGACTTGACATTTATTCATCTGTATATGGAGCCATTACCTAAGAACCCCTTCAAG	502
DB	526	AAAGGAGACTTAAATTTATTCATCTGTATGTGGAGTCATTTATTAAGAATCTATTCCAGG	585
QY	503	AATTATGACTCTAAGGTCCTATCTTTTATATGATCTGCTGAAGTCATATGATGATTCGGCT	562
DB	586	AATTATACTATAAGGTCCTATCTTTTATATGTTCTGCTGAAGTGTGTAGAAAGATTCACT	645
QY	563	CTGCCCCCACTGAAGAGACAGCTTTCAGACTCTCCAATGCAACTGCAGTCTTCGGG--GA	619
DB	646	CTGGTTCCTCCAAAGGAGGAGTTTTCAGATGGTTCTAGTCAATTCAGTGTTCATGAATGT	705
QY	620	TGTGAATGTCTATGTGCCGTTACCCAGAGCCAACTCAACTACGCTCTTCTGATGTATTG	679
DB	706	TGTGAATGTCTTGTGCCCTGTGCCAAAGCCAACTCAACGACACTCTCTTTATGTGTTG	765
QY	680	GAATTCACATCTGCCGGGTGAGTTTTCAGTCACTCTCTGATGTCTACGACCCCATGCTT	739
DB	766	AAATTCACATCTGGTGGAGTAAATTTCCAGTCACTCTTAATGTCTAGTTTCAGCCCCATAAT	825
QY	740	GTGTGAAACCCGATCCACCCCTTAGGTTTGCATATGGAAGTCACAGATGATGTAATTTA	799
DB	826	ATGGTGAAGCCCTGATCCACCAATTAGTTTGCATATGGAATACACAGATGATGTAATTTA	885
QY	800	AAGATTTCTTGGGACAGCAAAACAATGGCACCATTTCCGCTTCAATATCAGGTGAAATAT	859
DB	886	AAGATTTCTTGGTCCAGCCCACTTGGTACCAATTCACATCAATATCAAGTGAATAT	945
QY	860	TTAGAGAAATCTACAA---TTGTAAAGAGAGGCTGCTGAAATGTCTCAGCTACATCTCTG	916
DB	946	TCAGAGAAATCTACAAAGTTATCAGAGAAGCTGCAAGATTGTCTCAGCTACATCCCTG	1005
QY	917	CTGGTAGACAGTGTCTTCTGGATCTTCAATAGAGGTCAGAGTGGAGGAGCAAGAGCTG	976
DB	1006	CTAGTAGACAGTATACCTTCTGGGTCTTCTGATAGAGTTTCAGGTGAGGGGCAAGAGCTG	1065
QY	977	GATGGTTTCAGGAGTCTGGAGTGACTGGAGTTTCACTCAAGTCTTTTACCACACAAGATGT	1036
DB	1066	GATGCCCCAGGAATCTGGAGTGACTGGAGTACTCTCTGTGTCTTTTACCACACAAGATGTC	1125
QY	1037	GTGTATTTTCCACCCAAATTTCTGACTAGTGTGATGCAATGCTTCTTTTCATTTCGATC	1096
DB	1126	ATATACTTTTCCACCTTAAATTTCTGACAAGTGTGGGTCTAATGTCTTTTCTCTCTGCAATC	1185
QY	1097	TACAAAACGAAACCAAGATTTATCTCTCAAAACAGATAGTTTGTGGAGGAATCTAGCT	1156
DB	1186	TATAGAGAGAAACAAGATTTGTCCTTCAAAAGAGATTTGTTGGTGGATGAATTTAGCT	1245
QY	1157	GAGAAATCCCTTGAGATACAGTACAGCATTTGTGAGTGACCCGAGTTAGCAAAAGTTACCTTC	1216
DB	1246	GAGAAATTTCTCAAGCCAGTATGATGTTGTGAGTGATCATGTTTAGCAAAAGTTACTTTT	1305
QY	1217	TCCAACTGAAAGCCACAGACCTTCGAGGGAAGTTTACCTATGACGAGTGTACTGCTGC	1276
DB	1306	TTCAATCTGAATGAACCAACCTTCGAGGAAAGTTTACCTATGATGACGAGTGTACTGCTGC	1365
QY	1277	AATGAGCAGGCTGCCATCACCGCTATGCTGAATTTATACGTGATGCGATGTCAATATCAAT	1336
DB	1366	AATGAACATGAATGCCATCATCGCTATGCTGAATTTATGTTGATGTCAATATCAAT	1425
QY	1337	ATATCATGTGAAACTGACGGGTACTTAACTAAAAATGACTTGCAGATGTCACCCAGCA	1396
DB	1426	ATCTCATGTGAACTGATGGGTACTTAACTAAATGACTTTCAGATGCTCAACAGTACA	1485
QY	1397	ATCAATCACTAGTGGGAAGCACCTGTGCAGCTGAGGTATCACAGGCGCAGCTGTATTGT	1456
DB	1486	ATCCAGTCACTTGGGGAAGCACCTTTGCAATTTAGGTATCATAGGAGCAGCTTTTACTGT	1545

1457 CTTGATAGTCCATCTATTCATCTAGCTGTGAGCCCAAAAACTGGCTCTTACAGAGAGAC 1516
 1546 TCTGATATTCATCTATTCATCCATATCTGAGCCCAAGATTCCTATTTGAGAGTGAT 1605
 1517 GGTCTTTATGATGTGTTTTCAGCCCAATCTTTCTATTTATCTGGCTATACAAATGAGATC 1576
 1606 GGTCTTTATGATGTGTTTTCAGCCCAATCTTTCTATTTATCTGGCTATACAAATGAGATC 1665
 1577 AGGATCAACCATCTTTTATGTTTACCTTGTGCTGACCTGACCAACGATGCTGCTTCTGACCTC 1636
 1666 AGATCAATCACTCTCTAGGTTCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1725
 1637 GTAGTAAACCACTACTCTCCATCTACGTTAAAGCAGAGATTAAGTAAACCACTGATTA 1696
 1726 GTGGTGAAGCCACTGCTCCATCCAGTGTGAAGCAGAGATTAAGTAAACCACTGATTA 1785
 1697 TTGAAGTATCTTTGGGAAAGCAGTCTTTCCGGGAGAAATTAACCTTCAATTCAGATTCGA 1756
 1786 TTGAAGTATCTTTGGGAAAGCAGTCTTTCCGGGAGAAATTAACCTTCAATTCAGATTCGA 1845
 1757 TATGCTTAAGTGAAGAAATACAAATGAAGCAGATGAGTATTCGATCAAGTCA 1816
 1846 TATGCTTAAGTGAAGAAATGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA 1905
 1817 AAGTCTGCGAGCTGCTGCTGTGTCAGACCTCTGTCAGTCTATGTCAGTCTGTCAGTCTGTCG 1876
 1906 AATCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1965
 1877 CGGCGTGTGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT 1936
 1966 AAGAGGCTAGATGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT 2025
 1937 ATGGTGTAAAGTCTCTATGAGGCGCTGATTTTGGAGAAATGAAGTGAAGTGAAGTGAAGTGA 1996
 2026 ATGGTGTAAAGTCTCTATGAGGCGCTGATTTTGGAGAAATGAAGTGAAGTGAAGTGAAGTGA 2085
 1997 ACTAAAGAGGAGAGAAATGCTACCTTGTGTCAGTCTGTCAGTCTGTCAGTCTGTCAGTCTGTC 2056
 2086 ATGAAAGAGGAGAGAAATGCTACCTTGTGTCAGTCTGTCAGTCTGTCAGTCTGTCAGTCTGTC 2145
 2057 TGTAGTGTGAGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG 2116
 2146 TGCAGTGTTCAGAGATATGTGATAAACCATCATCTTCTGCAATGGAACATGGTCAGAA 2205
 2117 GATGTGGGAAATCGGACCAATCTCACTTCTGTCAGTCTGTCAGTCTGTCAGTCTGTCAGTCTGTC 2176
 2206 GATGTGGGAAATCGGACCAATCTCACTTCTGTCAGTCTGTCAGTCTGTCAGTCTGTCAGTCTGTC 2265
 2177 GTTCTGGCTGTCAATTCCTCGGCGCTTCCCTTGTGTAATTTTAACTTACCTTCTCATGG 2236
 2266 GTTCTGGCTGTCAATTCCTCGGCGCTTCCCTTGTGTAATTTTAACTTACCTTCTCATGG 2325
 2237 CCCATGAGTAAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG 2296
 2326 CCTATGAGCAAGTAAATATGTCGAGTCACTCAGTGTCTTATCCCTTAAACGAGCAGTGT 2385
 2297 GTCATCCTTTCTGAGCAGTCACTGATGATTAATGATGATTAATGATGATTAATGATGATTAAT 2356
 2386 GTGATGTTTCTGAGTACTATCAACAGTGAATCAAGCTAATGATTAATGATTAATGATTAAT 2445
 2357 TGAAGATCTTAAATGAAGATGATGAATGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA 2416
 2446 TGAAGATCTTAAATGAAGATGATGAATGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA 2505
 2417 AAGTGTATATCCAGGTATGTGA 2441
 2506 AAGTATATATCCAGTATCAATTTA 2530

RESULT 9

US-10-214-802-6
 ; Sequence 6, Application US/10214802
 ; Publication No. US20030004109A1

GENERAL INFORMATION:
 APPLICANT: Matthews, William
 Bennett, Brian
 TITLE OF INVENTION: WSX RECEPTOR
 NUMBER OF SEQUENCES: 45
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Genentech, Inc.
 STREET: 460 Point San Bruno Blvd
 CITY: South San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94080
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: WinPatin (Genentech)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/10/214,802
 FILING DATE: 06-Aug-2002
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/780,562
 FILING DATE: <Unknown>
 APPLICATION NUMBER: 08/585005
 FILING DATE: 08-Jan-97
 APPLICATION NUMBER: 60/
 FILING DATE: 08-Jan-97
 ATTORNEY/AGENT INFORMATION:
 NAME: Lee, Wendy M.
 REGISTRATION NUMBER: 40,378
 REFERENCE/DOCKET NUMBER: P0986R1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415/225-1994
 TELEFAX: 415/952-9881
 TELEX: 910/371-7168
 INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 3102 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 SEQUENCE DESCRIPTION: SEQ ID NO: 6:
 US-10-214-802-6

Query Match 68.8%; Score 1692.2; DB 14; Length 3102;
 Best Local Similarity 81.7%; Pred. No. 0;
 Matches 1981; Conservative 0; Mismatches 438; Indels 6; Gaps 2;
 QY 23 GGTGTACACCTCTGAAGAAGATGATGTGTCAGAAATTCCTATGTGTTTGTACACTGG 82
 DB 106 GGTGTACTTCTGTAAGTAAGATGATTTGTCAAAATTCCTGTGTTGTTTGTACATGG 165
 QY 83 GAATTTCTTTATGTGATAGCTGCACCTTAACCTGGCATATCCAATCTCTCCCTGGAAATTT 142
 DB 166 GAATTTATTTATGTGATTAACCTGCGTTTAACTTGTGATATCCAATTAATCTTCTGGAGATT 225
 QY 143 AAGTTGTTTGTGGACCAACCGAACACAAACCGATGATCCTTTCTCTCACTGCTGGAGCC 202
 DB 226 AAGTTGTTGTCATGCCCAACCAATTCACCTATGACTACTTCTCTTTTGTGCTGCTGACTC 285
 QY 203 CCAACATGCTCGGCTTTCAGGGGCTTCTGAGGCAATTTGTTGAGCTAAATTTAAT 262
 DB 286 TCAAGAAATATCTCAAAATTCGAATGGAATATGATGAGACAGCTGTTGAACCTTAAGTTTAA 345
 QY 263 TCAAGTGTATCTAGTTCTCTGAGTTATCCAAAACAGCTCTTCCACTGTTGCTTTGGGAAT 322
 DB 346 TCAAGTGTATCTACTTTTAACTTATCCAAACAACTTCCACTGTTGCTTTGCGAGT 405
 QY 323 GAGCAAGTCAAACTGCTCTGCACTCAAGCAACACTGAGGGAAGACACTGCTGCTCA 382
 DB 406 GAGCAAGTAGAACTGCTCTTATGTCAGACAACTTGAAGGAAGACATTTGTTTCA 465


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QY 1937 ATGGATGTAAGTTCTTATGAGAGGGCTGAATTTTGGAGAAAAATGATGGGACGTT 1996
Db 2093 ATGGATATAAAAGTTCTTATGAGAGGACCTGAATTTTGGAGAAATTAATTAATGGAGATAC 2152
QY 1997 ACTAAAGAGGAGAGAAATGTGCACCTTGTCTTGGAGCCCTCAAGAAAAATGACTCACTG 2056
Db 2153 ATGAAAGAGGAGAAATGTGCACCTTGTCTTGGAGCCCTCAAGAAAAATGACTCACTG 2212
QY 2057 TGTAGTGTGAGGAGGTACGTGTGGAAGCATCGTACTGCCACAATGGGACGTTGGTCAGAA 2116
Db 2213 TGCAGTGTTCAGAGATATGTGATAAACCATCATCTTCTGCAATGGAACATGGTCAGAA 2272
QY 2117 GATGTGGGAAATCGGACCAATCTCACTTCTCTGTGTGGAAGAACGCGCACACTGTTACA 2176
Db 2273 GATGTGGGAAATCACACGAAATTCATCTTCTGTGTGGAAGAACGCGCACACTGTTACG 2332
QY 2177 GTTCTGGGTGTCAAATTCCTCGCGCTTCCCTGTGTGAAATTTTAACTTACCTTCTCATGG 2236
Db 2333 GTTCTGGCCATCAATTCGAATGGTGTCTTCTGTGTGCAAAATTTTAAATTAACCTTTTCATGG 2392
QY 2237 CCATGAGTAAAGTGAAGTCTGTGGAGTCACCTCACTGAGTGTCTTATCCCTCGAGCAGCAGCTGT 2296
Db 2393 CCTATGAGCAAGTAATAATGTGCAGTCACCTCACTGAGTGTCTTATCCCTTAAACAGCAGTGT 2452
QY 2297 GTCATCTTCTTCTGGACACTGTCACTGATGATTAATGATGATGATGATGATGATGATGATGAT 2356
Db 2453 GTGATTTGTTCTGGTACTATCACCAGTGAATTAACAAGCTAATGATGATGATGATGATGATGAT 2512
QY 2357 TGGAGATCTTAAATGAAGATCATGGAATGAAGTGTGCTTGAATTTCCCTCGAATGTTAAA 2416
Db 2513 TGGAAATATCTTAATGAAGATGGTGAATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 2572
QY 2417 AAGTTTATATCCAGGTATGTGTA 2441
Db 2573 AAGTATTATATCCATGATCATTTTA 2597
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RESULT 11

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US-10-641-643-885
; Sequence 885, Application US/10641643
; Publication No. US20040077003A1
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; Suan G. Stuart
; Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL
; GENE EXPRESSION
; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/641,643
; FILING DATE: 14-Aug-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0001 US
; TELECOMMUNICATION INFORMATION:
```

```
;
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 885:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3800 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GENBANK
; CLONE: g1139594
; SEQUENCE DESCRIPTION: SEQ ID NO: 885 :
US-10-641-643-885
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Query Match 68.8%; Score 1692.2; DB 16; Length 3800;
Best Local Similarity 81.7%; Pred. No. 0;
Matches 1981; Conservative 0; Mismatches 438; Indels 6; Gaps 2;

QY 23 GGTGTACACCTCTGAAGAAAGATGATGTGTCAGAAATCTATGTGGTTTGTACACATGG 82
Db 173 GGTGTACTTCTCTGAAGTAAGATGATTTGTCAAAATTTCTGTGGTTTGTACATGG 232
QY 83 GAAATTTCTTTATGTGATAGCTGCACCTTAACTGGCATATCCAAATCTCTCCCTGGAAATTT 142
Db 233 GAAATTTATTTATGTGATAACTGCGTTTAACTTGTCAATATCCAAATCTCTTGGAGATTT 292
QY 143 AAGTTGTTTGTGGACCAACCGAACACAAACGATGATCTCTTCTCTCACTGTGGAGGCC 202
Db 293 AAGTTGTTCTGCATGCCCAACCAATTTCAACCTATGACTACTTCTCTTTCCTGCTGCTGACTC 352
QY 203 CCAACAAATGCTCGGCTTTCAAGGGGGCTTCTGAAGCAATTTGTTGAAGCTAAATTTAAT 262
Db 353 TCAAGAAATATCTCAAAATTCGAATGGAACATATGAGACAGCTGTTGAACCTTAAGTTTAAAT 412
QY 263 TCAAGTGTGATCTACGTTTCTGAGTTATCCAAAACAGCTCTTCCACTGTGTGCTTTGGGAAAT 322
Db 413 TCAAGTGTGATCTACCTTTTCTAACTTATCCAAAACAACTTTTCCACTGTGTGCTTTGGAGT 472
QY 323 GAGCAAGGTCAAACTGCTGTGCACTCAACAGAACACTGAAGGGAGAACACACTGCTTCA 382
Db 473 GAGCAAGATAGAAACTGCTCTTATGTGCAGACAACTTGAAGGAAAGACATTTGTTTCA 532
QY 383 GTAGTGAAGGCTTCAGTTTTCGCGCAGCTAGTGTAAACTGGACATAGAGTGTCTGGAGT 442
Db 533 ACAGTAAATCTTTAGTTTTTCAACAAATAGATGCAAACTGGAACATACAGTGTCTGGCTA 592
QY 443 AAAGGGGACTTGACATTTATCTGTCAATATGGAGCCATTTACCTAAGAACCCCTTCAAG 502
Db 593 AAAGGAGACTTAAATTTATCTGTGAGTCAATTTATTTAAGAACTTATTCAGG 652
QY 503 AATTATGACTTAAGGTCCATCTTTTATATGATCTGCTGAGTCAATGATGATGATGCTT 562
Db 653 AATTATAACTATAAGGTCCATCTTTTATATGTTTCTGCTGAGTGTGTTAGAAGATTCACCT 712
QY 563 CTGCCCCACTGAAAGACAGCTTTTCAGACTGTCCAATGCAACTGCAGTCTTCGGG---GA 619
Db 713 CTGTTTCCCCAAAAGGCGAGTTTTCAGATGGTTTCACTGCAATTTGCAATTTCAATGATGT 772
QY 620 TGTGAATGTCTATGTGCCGTATCCAGAGCCAAACTCAACTACGCTCTTCTGATGATTTG 679
Db 773 TGTGAATGTCTGTGCTGTGCCAAGACAGCCAAACTCAAGACACTCTCTTATGTTGTTG 832
QY 680 GAAATCAATCTGCGGGTGTGAGTTTTCAGTCACTCTCTGATGTCTACTGAGCCCATGCTT 739
Db 833 AAAATCACATCTGTGTGGAGTAAATTTTCCAGTCACCTCTTAATGTCTAGTTCAGCCCCATAAT 892
QY 740 GTTGTGAACCCGATCCACCCCTTAGTTTGTGATATGGAAGTCAACAGATGATGATTA 799
Db 893 ATGGTGAAGCCCTGATCCACCAATTAGTTTGTATATGGAATCAACAGATGATGATTA 952
QY 800 AAGATTTCTTGGGACAGCAAAACAAATGGCACCAATTTCCGCTTCAATATCAGGTGAAATAT 859
Db 953 AAGATTTCTTGGTCCAGCCCACTTGTGTACCAATTTCCACTTCAATATCAAGTGAATAT 1012
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QY	860	TTAGAAATTTCTACAA- ---TTGTAAGAGAGGCTGTGAAATTTGTCTCAGCTACATCTCTG	916
Db	1013	TCAGAGAAATTCACACAGATTATCAGAGAGCTGACAGAGTTGTCTCAGCTACATCCCTG	1072
QY	917	CTGGTAGACAGTGTCTTCTCGATCTTCATATGAGGTCAGGTGAGGAGCAGAGACTG	976
Db	1073	CTAGTAGACAGATATATCTTCTGGGCTTCTCGATGAGTTTCAGGTGAGGAGCAGAGACTG	1132
QY	977	GATGTTTCAGGAGTCTGGAGTGATCTGGAGTTTACCTCAAGTCTTTTACACACAAAGATGT	1036
Db	1133	GATGGCCCAAGAAATCTGGAGTGATCTGGAGTTTACCTCAAGTCTTTTACACACAAAGATGT	1192
QY	1037	GTGTAATTTCCACCCCAAAATCTGACTAGTGTGGATCGAATCTTCTTTTCAATGCAATC	1096
Db	1193	ATATATCTTTCCACCTAAAATCTGACAGAGTTGGTCTTAATGTTTCTTTTCACTGCAATC	1252
QY	1097	TACAAAACGAAAACAGATTAATCTCTCAAAACAGATATTTGGTGGAGGAATCTAGCT	1156
Db	1253	TATAAGAGGAAAACAAAGATTGTTCCCTCAAAAGAGATTGTTGGTGGATGAATTAGCT	1312
QY	1157	GAGAAATCCCTGAGATACAGTACGATTTGTGAGTGACCGAGTTAGCAAGTTACCTTC	1216
Db	1313	GAGAAATTTCTCAAGCCAGTATGATGTTGTGAGTGATCATGTTAGCAAGTTTACTTTT	1372
QY	1217	TCCAACTCGAAAGCCACAGACTCTGAGGGAAGTTTACCTATGACGAGTGTACTGCTGC	1276
Db	1373	TTCAATCTGATGAAACCAAACTCGAGGAAGTTTACCTATGATGAGTGTACTGCTGC	1432
QY	1277	AATGAGCAGCGGTCATCACCGCTATGCTGAATATATAGTGATCGATGTCATATCAAT	1336
Db	1433	AATGAACATGAATGCCATCATCGCTATGCTGAATATATGATGATGATGATCAATCAAT	1492
QY	1337	ATATCATGTGAAACTGACGGTACTTAACTAAATGACTTGGAGATGGTCAACCCAGCACA	1396
Db	1493	ATCTCATGTGAAACTGATGGGACTTAACTAAATGACTTGGAGATGGTCAACCCAGTACA	1552
QY	1397	ATCCAACTACTAGTGGGAAGCACTGTGAGCTGAGGTATCACAGGCGGAGCTGTATGTT	1456
Db	1553	ATCCAGTCACTTGGGAAGAGCACTTGGCAATGAGGTATCATAGGAGCGCTTACTGTT	1612
QY	1457	CCTGATAGTCCATCTATTCATCTAGCTCTGAGCCCAAAAACCTGGGCTCTTACAGAGAGAC	1516
Db	1613	TCTGATATTCATCTATTCATCCATATCTGAGCCCAAGATGCTATTTGAGAGTGAT	1672
QY	1517	GGCTTTTATGAATGTTTTTCAGCCAAATCTTTCTATATCTGGCTATACAAATGTGGATC	1576
Db	1673	GGTTTTTATGAATGCAATTTTCCAGCCAAATCTTCTATATCTGGCTTACAAATGTGGAT	1732
QY	1577	AGGATCAACCATCTTTTAGTTTCACTTGTACTCGCCACCAACGTTGTCTTCTGACTCC	1636
Db	1733	AGATCAATCACTCTCTAGGTTCACTGTACTCTGACCAACAGTGTCTTCTGATCTCT	1792
QY	1637	GTAGTAAACCACTACTCTCCATCTAACGTAAGAGAGATTAAGTGTAAACACTGATTA	1696
Db	1793	GTGGTGAAGCCACTGCTCCATCCAGTGTGAAGAGAGAAATTAATAAATTCGATTA	1852
QY	1697	TTGAAAGTATCTTGGAAAAGCAGTCTTTTCGGGAGAAATAACCTTCAATTCAGATTTGA	1756
Db	1853	TTGAAATATCTTGGAAAAGCAGTCTTTTCAGAGAAATAAAGCTTCAATTCAGATTTGC	1912
QY	1757	TATGGCTTAAGTGAAGAAATACAAATGGAAGACACATGAGGATTCGATGCAAGTCA	1816
Db	1913	TATGGTTTAAAGTGAAGAAAGTACAAATGGAAGATGTATGAGGTTTATGATGCAAAATCA	1972
QY	1817	AAGTCTGCCAGCTCTGCTGTGTCAGACTCTGTGAGTCTATGTTGTCAGGTTCCGCTGC	1876
Db	1973	AAATCTGTCACTCTCCAGTCTCCAGACTTGTGTGAGTCTATGCTGTTTCCAGTGGCGTGT	2032
QY	1877	CGCGGTTGGATGGATAGGATATTTGGAGTAATTTGGAGCAGTCCAGCTTATACGCTTGTG	1936
Db	2033	AAGAGGCTAGATGGACTGGGATATTTGGAGTAATTTGGAGCAATCCAGCTTACACAGTTGTC	2092

RESULT 12

US-08-779-457-1
; Sequence 1, Application US/08779457
; Publication No. US20020193571A1
; GENERAL INFORMATION:
; APPLICANT: Carter, Paul J.
; APPLICANT: Chiang, Nancy Y.
; APPLICANT: Kyung, Jin Kim
; APPLICANT: Matthews, William
; APPLICANT: Rodriguez, Maria L.
; TITLE OF INVENTION: WSX RECEPTOR AGONIST ANTIBODIES
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/779,457
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/667197
; FILING DATE: 06/20/96
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585005
; FILING DATE: 01/08/96
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.

; REGISTRATION NUMBER: 40.378
 ; REFERENCE/DOCKET NUMBER: P0986P2
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 415/225-1994
 ; TELEFAX: 415/952-9881
 ; TELEX: 910/371-7168
 ; INFORMATION FOR SEQ ID NO: 1:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 4102 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Double
 ; TOPOLOGY: Linear
 ; US-08-779-457-1

Query Match 68.8%; Score 1692.2; DB 8; Length 4102;

Best Local Similarity 81.7%; Pred. No. 0; Mismatches 438; Indels 6; Gaps 2; Matches 1981; Conservative 0;

QY	23	GGTGTACACCTCTGAAGAAAGATGATGCTCAGAAATTCATGTGCTTTGTACACTGG	82
DB	106	GGTGTACTTCTGAAGTAAGATGATTTGTCAAAATTCGTGGTGTGTTCATTTGG	165
QY	83	GAATTTCTTTATGTGATGCTGACCTTAACCTGGCATATCCAAATCTCTCCCTGGAAATTT	142
DB	166	GAATTTATTTATGTGATACTCGTTTAACTTGTCTATATCCAATTACTCTCTTGGAGATTT	225
QY	143	AGATTGTTTGGACCAACGAAACACACCGATGACTCCTTTCTCTCACTCTCTGGAGCC	202
DB	226	AAGTTGTCTTGTGATGCCACCAAAATCAACCTATGACTTCTCTTTTGGCTCTGTGACTC	285
QY	203	CAAAACAATGCTCGCTTTTGAAGGGGCTCTGAAGCAATTTGTAAGCTAAATTTAAT	262
DB	286	TCAAGATFACCTCAAAATTCGAATGGAACATTTAGACAGCTGTTGAACCTAAGTTTAAAT	345
QY	263	TCAAGTGTATCTACGTTCTCGATTATCCAAAACAGTCTTCCACTGTTTGTCTTTGGGAAT	322
DB	346	TCAAGTGTACTCACCTTTTCTAACTTATCCAAAACAACTTTCCACTGTTTGTCTTGGAGT	405
QY	323	GAGCAAGGTCAAAATGCTCTGACTCAACAGCAACACTGAAGGGAAGACACTGGCTTCA	382
DB	406	GAGCAAGATAGAACTGCTCCTTATGTGCAGACAAACATTTGAAGGAAGACATTTGTTTCA	465
QY	383	GTAGTGAAGGCTTCAGTTTTCGCCAGTAGTGTAACTGGGACATGAGTGTCTGGATG	442
DB	466	ACAGTAAATCTTTAGTTTTTCAACAAATAGATGCAATCGGAACATACAGTGTGGTCA	525
QY	443	AAAGGGGACTTGACATTTATCTGTCTATATGGAAGCCATTACCTAAGAACCCCTTCAAG	502
DB	526	AAAGGAGACTTAAATTTATCTGTTATGTGGAGTCAATTTTAAAGAACTCTATTCCAGG	585
QY	503	AATATGACTCTAAGTTCATCTTTTATATGATCTGCTCGCTGAAGTCAATGATGATTCGCT	562
DB	586	AATATTAACATAAAGTTCATCTTTTATATGTTTCTGCTTGAAGTGTAGAGATTTCACT	645
QY	563	CTGCCCCACTGAAGACAGCTTTCAGAGTGTCCAAATGCAATGCACTCTCGGG--GA	619
DB	646	CTGGTTCCCAAAAGGAGTGTTCAGATGGTTTCACTGCAATGCAATGCAATGCAATG	705
QY	620	TGTGAATGTCTATGTCGGGTACCCAGAGCCAACTCAACTAGCTCTTCTGATGATTTTG	679
DB	706	TGTGAATGTCTTGTGCTGTGCCAACAGCCAACTCAAGACACTCTCTTATGTGTTTG	765
QY	680	GAAATCAATCTGCGGGTGTAGTTTTTCACTGATGATCTGATGATCTGAGGCCATGCTT	739
DB	766	AAATACATCTGGTGGAGTAAATTTTCCAGTCACTCTAATGTCACTTTCAGGCCATAAT	825
QY	740	GTGTGAACCCGATCCACCTTAGTGTGATATGGAAGTCAACAGATGATGATTAATTTA	799
DB	826	ATGGTGAGCCCTGATCCACATTTAGTGTGCAATGGAATACAGATGATGATTAATTTA	885
QY	800	AAGATTTCTTGGGACAGCCAAACAAATGGCAACATTTCCGCTTCAATATCAGGTGAATAT	859
DB	886	AAGATTTCTTGGTCCAGGCCACCAATTTGGTATGATTTTCCACTTCAATATCAAGTGAATAT	945

QY	860	TTAGAGAAATTCACAA---TTGTAGAGAGAGGCTGCTGAAATTTGTTCTCAGCTACATCTCTG	916
DB	946	TCAGAGAAATTCACAAAGATTTATCAGAGAACTGCAAGATTTGTTCTCAGCTACATCTCTG	1005
QY	917	CTGGTAGACAGTGTGCTTCTCTGGATCTTTCATATAGGTCCTCAGGTGAGGAGCAAGAGACTG	976
DB	1006	CTAGTAGACAGTATACTTCTCTGGGTCTTCGTATGAGGTTTCTAGGTGAGGGGCAAGAGACTG	1065
QY	977	GATGTTTCAAGAGTCTGAGTGAATGAGTTCACCTCAAGTCTTTTACACCAAGATGTT	1036
DB	1066	GATGGCCAGGAATCTGAGTGAATGAGTTCACCTCAAGTCTTTTACACCAAGATGTT	1125
QY	1037	GTGTATTTTCCACCCAAATTTCTGACTAGTCTGATCGAATGCTTTCTTTTCAATGCAATC	1096
DB	1126	ATATATCTTTCCACCTTAAATTTCTGCAAGTGTGGTCTAATGTTTCTTTTCACTGCAATC	1185
QY	1097	TACAAAAACGAAACCAAGATTTATCTCTCAAAAACAGATAGTTTTGGTGGAGGAATCTAGCT	1156
DB	1186	TATAAGAGGAAGAACAGATTTGTTCCCTCAAAAGAGATTTGTTGGTGAATGAAATTTAGCT	1245
QY	1157	GAGAAATCCCTGAGATACAGTACAGCAATTTGTGAGTGACCGAGTTAGCAAAATTTACCTTC	1216
DB	1246	GAGAAATTTCTCAAAAGCCAGTATGATGTTGTGAGTGATCATGTTTGTAGCAAAATTTACTTTT	1305
QY	1217	TCCACCTGAAAGCCACAGACCTCGAGGGAAGTTTACCTATGACGAGTGTACTGCTGC	1276
DB	1306	TTCATCTGAATGAACCAAAACCTCGAGGAAGTTTACCTATGATGAGTGTACTGCTGC	1365
QY	1277	AATGAGCAGGGGCTGCATCAACGCTATCTGAAATTTATACGTGATCGATGTCAATATCAAT	1336
DB	1366	AATGAAACATGAATGCCATCATCGCTATGCTGAAATTTATGATGATGATGATCAATATCAAT	1425
QY	1337	ATATCATGTGAAATCGACGGGTACTTAACTAAATGACTTGCAGATGTGTCCACCAAGCA	1396
DB	1426	ATCTCATGTGAAATCGATGGGTACTTAACTAAATGACTTGCAGATGTGTCAACCAAGTACA	1485
QY	1397	ATCCAACTACTAGTGGGAAGCACTGTGCAGCTGAGGTATCACGGCGAGCTGTATTGT	1456
DB	1486	ATCCAGTCACTTGGGGAAGCACTTTGCAATTTGAGGTATCATAGGAGCAGCTTTTACTGT	1545
QY	1457	CTGTATGCTCATCTATTATCTACGCTGACGCCAAACTGCGTTTACAGAGAGAC	1516
DB	1546	TCTGATATTCATCTATTATCCCATATCTGAGCCCAAGATTTGCTATTTCGACAGTGTAT	1605
QY	1517	GGCTTTTATGAATGTGTTTTTCCAGCAATCTTTCTATTATCTGCTATACAAATGTGGATC	1576
DB	1606	GGTTTTTATGAATGCAATTTTCCAGCAATCTTCTCTATTATCTGCTACACAAATGTGGAT	1665
QY	1577	AGGATCAACCATTTCTTTAGGTTTCACTTGACCTGCCCAACCAAGTGTCTCTTCTGACTCC	1636
DB	1666	AGGATCAATCACTCTCTAGGTTTCACTTGACCTGCCCAACCAAGTGTCTCTTCTGACTCT	1725
QY	1637	GTAGTAAACCACTACCTCTCAATCTAAACGTAAGCAGAGATTAATCTGTAAACCACTGGATTA	1696
DB	1726	GTGGTGAAGCCACTGCTCCATCCAGTGTGAAGAGCAAGAAATTAATATAAATTCGATTA	1785
QY	1697	TGAAAGTATCTTGGGAAAAAGCCAGTCTTTCCGGGAAATAACCTTCAATTCAGATTCGA	1756
DB	1786	TTGAAATATCTTGGGAAAAAGCCAGTCTTTCCAGGAAATAACCTTCAATTCAGATTCGC	1845
QY	1757	TATGCTTAAAGTGAAGAAAGAAATCAATGGAAGACACATGAGGTATTTCGATGCAAGTCA	1816
DB	1846	TATGTTTTAAGTGAAGAAAGAAAGTACAAATGGAAGATGTAAGGTTTTATGATGCAAAATCA	1905
QY	1817	AAGTCTGACGCTGCTGGTGTGACAGCTCTGTGAGTCTATATGTTGGTTCAGGTTTCGCTGC	1876
DB	1906	AAATCTGTGCTCTCCAGTTTCCAGACTTGTGTGAGTCTATGCTGTTTTCAGGTGGCTGT	1965
QY	1877	CGGCGTTTGGAGTGAAGTATAGGATAATTTGGAGTAATTTGGAGCACTGCAGCTTATACGCTTGT	1936
DB	1966	AAGAGCTTAGTGGACTGGGATATTTGGAGTAATTTGGAGCAATTCAGGCTTACACAGTTGTC	2025

REFERENCE/DOCKET NUMBER: P0986P2

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415/225-1994

TELEFAX: 415/952-9881

TELEX: 910/371-7168

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 3004 base pairs

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Linear

US-08-779-457-5

Query Match 68.7%; Score 1691; DB 8; Length 3004;
Best Local Similarity 81.6%; Pred. No. 0;
Matches 1981; Conservative 0; Mismatches 441; Indels 6; Gaps 2;

QY	20	CGAGGTGACACCTCTGAAGAAAGATGATGTGTGACAGAAATCTATGTGTTTGTACAC	79
DB	190	CAAGGTGACTTCTCTGAAGTAAGATGATTTGTCAAAAATCTGTGTGTTTGTATACAT	249
QY	80	TGGGAATTTCTTATGTGTAGTACGTCACCTTAACCTGGCATATCCAATCTCTCCCTGGAA	139
DB	250	TGGGAATTTATTTATGTGTAACTGGGTTTAACTTGTCTATATCCAATTAATCTCTTGGAGA	309
QY	140	TTTAAGTCTGTTTGTGGACACCGAACACAAACCGATGACTCTCTTCTCTCACTGCTGGA	199
DB	310	TTTAAGTCTGTTGATGTCACCAAAATTCACCTATGACTACTTCTTGTGCTGCTGGA	369
QY	200	GCCCCAAAACATGCTCGGCTTTTGAAGGGGCTTCTGAAGCAATTTGTGAAGCTAAATTT	259
DB	370	CTCTCAAGAAATCTTCAAAATTCGAATGACATATGAGACAGCTGTTGAACTAAGTTT	429
QY	260	AATTCAGTGGTATCTACCTCTGAGTTATCCAAAACAGTCTTCCACTGTTGCTTTGGG	319
DB	430	AATTCAGTGGTATCTACCTCTGAGTTATCCAAAACAGTCTTCCACTGTTGCTTTGGG	489
QY	320	AATGACAAAGGTCAAACTGCTGACCTCAGACACACACACAGAGGGAAGACACTGGCT	379
DB	490	AGTGACAGATAGAAACTGCTCTTATGTGACACACATTTGAAGGAAGACATTTGTT	549
QY	380	TCAGTAGTGAAGCTTTCAGTTTTCGCCAGCTAGGTGTAACCTGGACATAGAGTCTGG	439
DB	550	TCNACAGTAAATTCCTTTAGTTTTCACAAATAGATGCAAACTGGAACATACAGTCTGG	609
QY	440	ATGAAAGGGACCTTGACATATTCATCTGTCATATGGAGCCATTTACCTAAGAACCCCTTC	499
DB	610	CTAAAGGAGACCTTAAATTTATTCATCTGTTATGTGGAGTCAATTTAAGAATCTATTTC	669
QY	500	AAGAATTATGACTCTAAGGTCCATCTTTTATATGATCTGCCTGAAGTCAATGATGATCG	559
DB	670	AGGAATTATACATATAGGTCCATCTTTTATATGTTCTGCCTGAAGTGTGAAGATCA	729
QY	560	CCTCTGCCCCCTGAAAGACAGCTTTACAGACTGTCCAAATGCAACTGCACTCTCGGG--	617
DB	730	CCTCTGGTTCCCAAAAGCGAGTTTTCAGATGTTTCACTGCAATGCAAGTCTTCATGAA	789
QY	618	-GATGTGAATGTATGTGCGGTACCCAGAGCCAACTCACTAGCTCTTCTGATGAT	676
DB	790	TGTTGTGAATGTCTGTGCTGTGCAACAGGCCAACTCAAGCACACTCTCCTTATGTGT	849
QY	677	TTGGAATCACATCTGCCGTGTGAGTTTTCAGTCACTCTGATGTCATCTGAGCCCATG	736
DB	850	TTGAAATCACATCTGGTGGAGTAATTTTCCAGTCACTCTAATGTTCAGTTCAGGCCATA	909
QY	737	CTTTGTTGAAACCCCGATCCACCTTAGGTTTGCATATGGAAGTCAAGATGATGATTAAT	796
DB	910	AATATGGTGAAGCTGATCCACATAGGTTTGCATATGGAATCACAGATGATGATTAAT	969
QY	797	TTAAAGATTTCTTGGGACACGCAAAACATTTGGACCAATTTCCGCTTCAATPATCAGGTGAA	856
DB	970	TTAAAGATTTCTTGGTCCAGCCCAATTTGGTACCAATTTCCACTTCAATATCAAGTGAA	1029

QY	857	TATTTAGAGAAATTTACAA---TTGTAAAGAGAGGCTGCTGAAATTTGTCTCAGCTACATCT	913
DB	1030	TATTCAGAGAAATTTCTACAAAGTTTATCAGAGAACTGACAAGATTTGTCTCAGCTACATCC	1089
QY	914	CTGCTGGTAGACAGTGTCTCTCTCGATCTTCATATGAGGTCCAGGTGAGGAGCAAGAGA	973
DB	1090	CTGCTAGTAGACAGTATATCTCTCGGTCTTCGTATGAGGTTCAGGTGAGGAGCAAGAGA	1149
QY	974	CTGGAATGTTTCAAGAGTCTGGAGTCTGAGTCTTCACTCAAGTCTTTTACCACACAAGAT	1033
DB	1150	CTGGAATGTTTCAAGAGTCTGGAGTCTGAGTCTTCACTCAAGTCTTTTACCACACAAGAT	1209
QY	1034	GTGTGTATTTTCCACCAAAATTTCTGACTAGTGTGGATCGAAATGCTTTCTTTTCAATGC	1093
DB	1210	GTCAATATCTTTCCACCTTAAATTTCTGACAAGTGTGGTCTAAATGTTTCTTTTCACTGC	1269
QY	1094	ATCTCAAAAACGAAACACAGATTTATCTCTCAAAAACAGATAGTTTGGTGGAGGAATCTA	1153
DB	1270	ATCTATAAGAGGAAACCAAGATTTGTTCCCTCAAAAAGAGATTTGTTGGTGGATGAATTTA	1329
QY	1154	GCTGAGAAAATCCCTGAGATACAGTACAGCATTTGTGAGTGACCGAGTTAGCAAAAGTTACC	1213
DB	1330	GCTGAGAAAATTTCTTCAAGCCAGTATGATGTTGTGAGTGATCATGTTAGCAAAAGTTACT	1389
QY	1214	TTCTCCAACTGAAAGCCACAGACCTCGAGGGAAGTTTACCTATGACGCGAGTGTACTGC	1273
DB	1390	TTTTTCAATCTGAATGAACCAACCTCGAGGAAAGTTTACCTATGATGCACTGTACTGC	1449
QY	1274	TGCAATGAGCGGGTGCATCACCGCTATGCTGAAATTTATAGTGATGATGATCAATATTC	1333
DB	1450	TGCAATGAACATGAATGCCATCATCGCTATGCTGAATTTATATGATGATGATCAATATC	1509
QY	1334	AATATATCATCTGAACTGACGGGTACTTAACTAAATGACTTGCAGATGTTGCACCCAGC	1393
DB	1510	AATATCTCATGTGAACCTGATGGGTACTTAACTAAATGACTTGCAGATGTTGCACCCAGT	1569
QY	1394	ACAAATCCAACTCACTAGTGGGAAGCACTGTGACGCTGAGGTATCACAGCGCAGCCTGTAT	1453
DB	1570	ACAAATCCAGTCACTTTCGCGGAAGCACTTTGCAATTTGAGGTATCATAGGAGCAGCTTTAC	1629
QY	1454	TGCTCTGATGATTCATCTATTTATCTACCTGCTGAGCCCAAAAACCTGGGTCTTACAGAGA	1513
DB	1630	TGTTCTGATATTTCCATCTATTTATCTCCATATCTGAGCCCAAAAGATTTGCTATTGTCAGAGT	1689
QY	1514	GACGCTTTTATGATGTTTTCAGCCCACTTTCTTCTATTTATCTGCTGTATATACATGTTGG	1573
DB	1690	GATGGTTTTTATGATGCAATTTTCCAGCCAACTTTCTTATTTATCTGCTGTACAAATGTTGG	1749
QY	1574	ATCAGGATCAACCAATTTCTTTAGGTTTCACTTCACTCGCCCAACCAACGTTGCTCTTCTGAC	1633
DB	1750	ATTAGGATCAATCACTCTCTAGGTTTCACTTCACTCTCCACCAACATGTTGCTTCTCTGAT	1809
QY	1634	TCCGTAGTAAACCACTACCTCCATCTTAAACGTAAGCAGAGATTTACTGTAAACACTGGA	1693
DB	1810	TCTGTGGTGAAGCCACTGCTCCATCCAGTGTGAAGCAGAAAATTTACTATAAACATTTGA	1869
QY	1694	TTATTTGAAGTATCTTGGGAAAAGCCAGTCTTTCCGAGGAATTAACCTTCAATTTCCAGATT	1753
DB	1870	TTATTTGAAGTATCTTGGGAAAAGCCAGTCTTTCCAGGAATAAATCTTCAATTTCCAGATT	1929
QY	1754	CGATATGCTTAAAGTGAAGAAAATAACAATGAAGACACATGAGGTATTTGATGCAAAAG	1813
DB	1930	CGCTATGTTTATGTTGGAAGAAAGATACAAATGGAAGATGATGAGTTTATGATGCAAAA	1989
QY	1814	TCAAAGTCTGCCAGCTGCTGGTGTGACACCTCTGTGAGTCTATGTGGTCCAGGTTCCG	1873
DB	1990	TCAAAAATCTGTCAGTCTCCAGTTCACAGTCTGTGTGAGTCTATGCTGTTTCCAGGTGGC	2049
QY	1874	TGCCGCGGTTGGATGAGTATAGGATATTTGGAGTAAATTTGGAGCAGTCCAGCCCTATACGCTT	1933
DB	2050	TGTAAGAGGCTAGATGAGTCTGGGATATTTGGAGTAAATTTGGAGCAATCCAGCCCTACACGTT	2109
QY	1934	GTCTGATGATGTAAGTTTCTCTATGAGAGGGCTGAAATTTTGGAGAGAAAATGATGGGGAC	1993

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 3, 2004, 23:02:25 ; Search time 23 Seconds
(without alignments)
2321.130 Million cell updates/sec

Title: US-08-599-974E-10

Perfect score: 4321

Sequence: 1 MMCOKFYVLLHWFELYVIA.....IPSNVKFYIHGMCTVLFMD 805

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 478139

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patents AA.*

1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep.*

2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep.*

3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep.*

4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep.*

5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep.*

6: /cgn2_6/ptodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	4271	98.8	894	2	US-08-599-455B-2
2	4271	98.8	894	3	US-09-069-781B-2
3	4271	98.8	894	3	US-08-618-957A-12
4	4271	98.8	894	3	US-09-137-132-2
5	4271	98.8	894	3	US-08-864-564A-2
6	4271	98.8	894	4	US-09-094-410-2
7	4271	98.8	894	4	US-08-708-123D-2
8	4271	98.8	894	4	US-08-583-153A-2
9	4271	98.8	894	4	US-08-570-142D-2
10	4271	98.8	894	4	US-08-638-524B-2
11	4271	98.8	1162	2	US-08-599-455B-43
12	4271	98.8	1162	3	US-09-069-781B-43
13	4271	98.8	1162	3	US-09-137-132-43
14	4271	98.8	1162	3	US-08-864-564A-43
15	4271	98.8	1162	4	US-09-094-410-43
16	4271	98.8	1162	4	US-08-708-123D-43
17	4271	98.8	1162	4	US-08-638-524B-43
18	4147	96.0	896	2	US-08-640-389A-12
19	4031	93.3	783	4	US-08-780-562-7
20	3991	92.4	1162	3	US-08-803-346-1
21	3983	92.2	895	3	US-08-827-962-19
22	3983	92.2	1162	3	US-08-827-962-15
23	3977	92.0	1162	3	US-08-827-962-20
24	3947	91.3	895	3	US-08-827-962-21
25	3355	77.6	804	4	US-09-116-676-10
26	3340	77.3	896	4	US-08-780-562-3
27	3340	77.3	923	4	US-08-780-562-4

28	3340	77.3	1165	2	US-08-599-455B-4	Sequence 4, Appli
29	3340	77.3	1165	3	US-09-093-814-1	Sequence 1, Appli
30	3340	77.3	1165	3	US-09-069-781B-4	Sequence 4, Appli
31	3340	77.3	1165	3	US-08-618-957A-11	Sequence 11, Appli
32	3340	77.3	1165	3	US-09-137-132-4	Sequence 4, Appli
33	3340	77.3	1165	4	US-09-094-410-4	Sequence 4, Appli
34	3340	77.3	1165	4	US-08-708-123D-4	Sequence 4, Appli
35	3340	77.3	1165	4	US-08-583-153A-4	Sequence 4, Appli
36	3340	77.3	1165	4	US-08-570-142D-4	Sequence 4, Appli
37	3340	77.3	1165	4	US-08-780-562-2	Sequence 2, Appli
38	3340	77.3	1165	4	US-08-638-524B-4	Sequence 4, Appli
39	3328	77.0	896	3	US-08-618-957A-10	Sequence 10, Appli
40	3328	77.0	896	4	US-09-357-914-33	Sequence 33, Appli
41	3328	77.0	898	2	US-08-693-697-36	Sequence 36, Appli
42	3328	77.0	906	3	US-08-618-957A-9	Sequence 9, Appli
43	3328	77.0	906	4	US-09-357-914-32	Sequence 32, Appli
44	3328	77.0	908	2	US-08-693-697-33	Sequence 33, Appli
45	3328	77.0	958	3	US-08-618-957A-8	Sequence 8, Appli

ALIGNMENTS

RESULT 1

US-08-599-455B-2
; Sequence 2, Application US/08599455B
; Patent No. 5972621
; GENERAL INFORMATION:
; APPLICANT: Tartaglia, Louis A.
; APPLICANT: Tepper, Robert I.
; APPLICANT: Culpepper, Janice A.
; TITLE OF INVENTION: METHODS OF IDENTIFYING COMPOUNDS THAT
; TITLE OF INVENTION: MODULATE BODY WEIGHT USING THE OB RECEPTOR
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESS: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/599,455B
; FILING DATE: 22-JAN-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/583,153
; FILING DATE: 28-DEC-1995
; APPLICATION NUMBER: 08/570,142
; FILING DATE: 11-DEC-1995
; APPLICATION NUMBER: 08/569,485
; FILING DATE: 08-DEC-1995
; APPLICATION NUMBER: 08/566,622
; FILING DATE: 04-DEC-1995
; APPLICATION NUMBER: 08/562,663
; FILING DATE: 27-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Meiklejohn, Ph.D., Anita L.
; REGISTRATION NUMBER: 35,283
; REFERENCE/DOCKET NUMBER: 07334/017001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 894 amino acids
; TYPE: amino acid
; TOPOLOGY: linear

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; MOLECULE TYPE: protein
; FRAGMENT TYPE: internal
US-08-599-455B-2

Query Match
Best Local Similarity 98.8%; Score 4271; DB 2; Length 894;
Matches 796; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MMCQKPYVLLHWEFLYVIAALNLAYPISPWKFLLFCGPPNTTDDSFSPAGAPNNASAL 60
DB 1 MMCQKPYVLLHWEFLYVIAALNLAYPISPWKFLLFCGPPNTTDDSFSPAGAPNNASAL 60

QY 61 KGASEAIVEAKFNSSGIYVPELSKTVFHCCFNEQGQNCALTNDTEGKTLASVVKASVF 120
DB 61 KGASEAIVEAKFNSSGIYVPELSKTVFHCCFNEQGQNCALTNDTEGKTLASVVKASVF 120

QY 121 ROLGVNWDIECMWKGDLTLFICHMEPLPKNPKNYDSKVHLLYDLPEVIDDPSPLPKDS 180
DB 121 ROLGVNWDIECMWKGDLTLFICHMEPLPKNPKNYDSKVHLLYDLPEVIDDPSPLPKDS 180

QY 181 FQTVQCNSLRGCECHVPVPRAKNLVALLMYLEITSAGVSFQSPMLSQPMLVVKDPDPL 240
DB 181 FQTVQCNSLRGCECHVPVPRAKNLVALLMYLEITSAGVSFQSPMLSQPMLVVKDPDPL 240

QY 241 GLHMEVTDGNIKISWDSQTWAPPLOYQVYKLENSTIVREAAEIVSATSLVDSVLPDS 300
DB 241 GLHMEVTDGNIKISWDSQTWAPPLOYQVYKLENSTIVREAAEIVSATSLVDSVLPDS 300

QY 301 SYEVQVRKRLDGSWSDSPQVFTTQDVVYFPFKILTSGVSNASPHCIYKKNQIIS 360
DB 301 SYEVQVRKRLDGSWSDSPQVFTTQDVVYFPFKILTSGVSNASPHCIYKKNQIIS 360

QY 361 SKQIIVWRNLAEKPIEIQYISVSDRVSKVTFPSNLKATPRGKFTYDQVYCCNEQACHRY 420
DB 361 SKQIIVWRNLAEKPIEIQYISVSDRVSKVTFPSNLKATPRGKFTYDQVYCCNEQACHRY 420

QY 421 AELVYIDVNIINISCTDGLTQWTCRWSPTTQSLVGSVQVLYRHSRLYCPDPSIHT 480
DB 421 AELVYIDVNIINISCTDGLTQWTCRWSPTTQSLVGSVQVLYRHSRLYCPDPSIHT 480

QY 481 SPKNCVLRQDFYECVQPIFLLSGYTWIRINHSLSGLSDSPPTCVLPDSVVKPLPPSN 540
DB 481 SPKNCVLRQDFYECVQPIFLLSGYTWIRINHSLSGLSDSPPTCVLPDSVVKPLPPSN 540

QY 541 VKAEITVNTGLKVSWEKVPFPENNLFQIRYGLSGKEIQWTHVFDKAKSALLVSD 600
DB 541 VKAEITVNTGLKVSWEKVPFPENNLFQIRYGLSGKEIQWTHVFDKAKSALLVSD 600

QY 601 LCAVYVQVRCRLDGLGYWNSNPPAYTLMDVKVPMRGPEFWRKMDGVTCKERNVTL 660
DB 601 LCAVYVQVRCRLDGLGYWNSNPPAYTLMDVKVPMRGPEFWRKMDGVTCKERNVTL 660

QY 661 LKWLPTKNDLSCLSVRYVYVYKHRTAHNGTWSVDGNTNLTLFWTEPAHTVTVLVNSLGA 720
DB 661 LKWLPTKNDLSCLSVRYVYVYKHRTAHNGTWSVDGNTNLTLFWTEPAHTVTVLVNSLGA 720

QY 721 SLVNFNLTFSPWMSKVSAVESLSAYPLSSCVILSWTLSPDDYSLLYLVIEWKIILNEDG 780
DB 721 SLVNFNLTFSPWMSKVSAVESLSAYPLSSCVILSWTLSPDDYSLLYLVIEWKIILNEDG 780

QY 781 MKWLRIPIVNVKKFYTH 796
DB 781 MKWLRIPIVNVKKFYTH 796

RESULT 2
US-09-069-781B-2
; Sequence 2, Application US/09069781B
; Patent No. 6287782
; GENERAL INFORMATION:
; APPLICANT: Tartaglia, Louis A.
; APPLICANT: Tepper, Robert I.
; APPLICANT: Culpepper, Janice A.

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; APPLICANT: White, David W.
; TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR
; TITLE OF INVENTION: THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS,
; TITLE OF INVENTION: INCLUDING OBESITY AND CACHEXIA
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/069,781B
; FILING DATE: 29-APRIL-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/864,564
; FILING DATE: 28-MAY-1997
; APPLICATION NUMBER: US 08/708,123
; FILING DATE: 03-SEP-1996
; APPLICATION NUMBER: US 08/638,524
; FILING DATE: 26-APR-1996
; APPLICATION NUMBER: US 08/599,455
; FILING DATE: 22-JAN-1996
; APPLICATION NUMBER: US 08/583,153
; FILING DATE: 28-DEC-1995
; APPLICATION NUMBER: US 08/570,142
; FILING DATE: 11-DEC-1995
; APPLICATION NUMBER: US 08/569,485
; FILING DATE: 08-DEC-1995
; APPLICATION NUMBER: US 08/566,622
; FILING DATE: 04-DEC-1995
; APPLICATION NUMBER: US 08/562,663
; FILING DATE: 27-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Meiklejohn, Ph.D., Anita L.
; REGISTRATION NUMBER: 35,283
; REFERENCE/DOCKET NUMBER: 07334/082001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 894 amino acids
; TYPE: amino acid
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; FRAGMENT TYPE: internal
US-09-069-781B-2

Query Match
Best Local Similarity 98.8%; Score 4271; DB 3; Length 894;
Matches 796; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MMCQKPYVLLHWEFLYVIAALNLAYPISPWKFLLFCGPPNTTDDSFSPAGAPNNASAL 60
DB 1 MMCQKPYVLLHWEFLYVIAALNLAYPISPWKFLLFCGPPNTTDDSFSPAGAPNNASAL 60

QY 61 KGASEAIVEAKFNSSGIYVPELSKTVFHCCFNEQGQNCALTNDTEGKTLASVVKASVF 120
DB 61 KGASEAIVEAKFNSSGIYVPELSKTVFHCCFNEQGQNCALTNDTEGKTLASVVKASVF 120

QY 121 ROLGVNWDIECMWKGDLTLFICHMEPLPKNPKNYDSKVHLLYDLPEVIDDPSPLPKDS 180
DB 121 ROLGVNWDIECMWKGDLTLFICHMEPLPKNPKNYDSKVHLLYDLPEVIDDPSPLPKDS 180

QY 181 FQTVQCNSLRGCECHVPVPRAKNLVALLMYLEITSAGVSFQSPMLSQPMLVVKDPDPL 240

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181 FOTVQCNSLRGCECHVPVPRAKNLYALIMYLEITSAGVSFOSPLMSLQPMVLVVKPDPPL 240
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241 GLHMEVTDGKILKISWDSQWAPFLOQVYKYLENSTIVREAAEIVSATSLLVDSVLPGS 300
301 SYEVQVRSKRLDGGSGVWSDWSSPQVFTTQDVVYFPPKILTSVGSNASPHCIYKNEQIIS 360
301 SYEVQVRSKRLDGGSGVWSDWSSPQVFTTQDVVYFPPKILTSVGSNASPHCIYKNEQIIS 360
361 SKQIIVWNRNLAKEIPEIQIYSIVSDRVSKVTFPSNLKATPRGKFTYDAVYCCNEQACHRY 420
361 SKQIIVWNRNLAKEIPEIQIYSIVSDRVSKVTFPSNLKATPRGKFTYDAVYCCNEQACHRY 420
421 AELVYDVNINISCTDGLTKMTCRWSPSTIQSLVGSVQVLYRHRSLYCPDPSIHT 480
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481 SEPKNVCLQRDGFYECVFPQIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPPSN 540
481 SEPKNVCLQRDGFYECVFPQIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPPSN 540
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541 VKAEITVNTGLLKVSWEKPVFPENNLOQIRYGLSGKEIQWKTHEVFDKSKSALLVSD 600
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661 LKWLPTKNDLSLCSVRRYVVKHRTAHNGTWSVDGNGRTNLTFLWTEPAHTVTVLVANSLSGA 720
721 SLVNFNLTFSWPMKSVSAVESLSAYPLSSCVILSWTLSPDDYSLLYLVIEWKILNEDDG 780
721 SLVNFNLTFSWPMKSVSAVESLSAYPLSSCVILSWTLSPDDYSLLYLVIEWKILNEDDG 780

RESULT 3

US-08-618-957A-12
; Sequence 12, Application US/08618957A

; Patent No. 6355237

; GENERAL INFORMATION:

; APPLICANT: Snodgrass, H. Ralph

; APPLICANT: Cioffi, Joseph

; APPLICANT: Zupancic, Thomas Joel

; APPLICANT: Shafer, Alan Wayne

; TITLE OF INVENTION: METHODS FOR USING THE OBESE

; TITLE OF INVENTION: GENE AND ITS GENE PRODUCT TO STIMULATE HEMATOPOIETIC

; TITLE OF INVENTION: DEVELOPMENT

; NUMBER OF SEQUENCES: 28

; CORRESPONDENCE ADDRESS:

; ADDRESS: Pennie & Edmonds LLP

; STREET: 1155 Avenue of The Americas

; CITY: New York

; STATE: NY

; COUNTRY: USA

; ZIP: 10036-2811

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: FastSEQ Version 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/618,957A

; FILING DATE: 20-MAR-1996

; CLASSIFICATION: 435

PRIOR APPLICATION DATA:

; APPLICATION NUMBER:

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Poissant, Brian M.

; REGISTRATION NUMBER: 28,462

; REFERENCE/DOCKET NUMBER: 008907-0033-999

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 650-493-4935

; TELEFAX: 650-493-5556

; TELEX: 66141 PENNIE

; INFORMATION FOR SEQ ID NO: 12:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 894 amino acids

; TYPE: amino acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: protein

US-08-618-957A-12

Query Match

Best Local Similarity 98.8%; Score 4271; DB 3; Length 894;

Matches 796; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MMCQKFFVLLHWEFLYVIAALNLAYPISPKFKLFCGPPNTTDDSFSPAGAPNNASAL 60

Db 1 MMCQKFFVLLHWEFLYVIAALNLAYPISPKFKLFCGPPNTTDDSFSPAGAPNNASAL 60

QY 61 KGASEAIVEAKFNSSGIYVPELSKTVFHCCFGNEQONCSALTNDTEGKTLASVVKASVF 120

Db 61 KGASEAIVEAKFNSSGIYVPELSKTVFHCCFGNEQONCSALTNDTEGKTLASVVKASVF 120

QY 121 ROLGVNWDIECWKMDGLTLFICHMEPLPKNPKNYDSKVHLLYDLPEVIDDSDPLPLKDS 180

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Db 241 GLHMEVTDGKILKISWDSQWAPFLOQVYKYLENSTIVREAAEIVSATSLLVDSVLPGS 300

QY 301 SYEVQVRSKRLDGGSGVWSDWSSPQVFTTQDVVYFPPKILTSVGSNASPHCIYKNEQIIS 360

Db 301 SYEVQVRSKRLDGGSGVWSDWSSPQVFTTQDVVYFPPKILTSVGSNASPHCIYKNEQIIS 360

QY 361 SKQIIVWNRNLAKEIPEIQIYSIVSDRVSKVTFPSNLKATPRGKFTYDAVYCCNEQACHRY 420

Db 361 SKQIIVWNRNLAKEIPEIQIYSIVSDRVSKVTFPSNLKATPRGKFTYDAVYCCNEQACHRY 420

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Db 421 AELVYDVNINISCTDGLTKMTCRWSPSTIQSLVGSVQVLYRHRSLYCPDPSIHT 480

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QY 541 VKAEITVNTGLLKVSWEKPVFPENNLOQIRYGLSGKEIQWKTHEVFDKSKSALLVSD 600

Db 541 VKAEITVNTGLLKVSWEKPVFPENNLOQIRYGLSGKEIQWKTHEVFDKSKSALLVSD 600

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Db 601 LCAYVVOVRCRRDLGLGYSWNSWSSPAYTLVMDVKVPMRGPEFWRKMDGVDVTKERNVTL 660

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Db 661 LKWLPTKNDLSLCSVRRYVVKHRTAHNGTWSVDGNGRTNLTFLWTEPAHTVTVLVANSLSGA 720

QY 721 SLVNFNLTFSWPMKSVSAVESLSAYPLSSCVILSWTLSPDDYSLLYLVIEWKILNEDDG 780

||||| 721 SLVNFNLTFSWPMKSVAVESLSAYPLSSCVILSWILSPDDYSLLYLVIEWKILNEDDG 780

QY 781 MKWLRIPSNVKKFYIH 796
DB 781 MKWLRIPSNVKKFYIH 796

RESULT 4

US-09-137-132-2
; Sequence 2, Application US/09137132
; Patent No. 6380363
; GENERAL INFORMATION:
; APPLICANT: Tartaglia, Louis A.
; APPLICANT: Tepper, Robert I.
; APPLICANT: Culpepper, Janice A.
; APPLICANT: White, David W.
; TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR
; TITLE OF INVENTION: THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS,
; TITLE OF INVENTION: INCLUDING OBESITY AND CACHEXIA
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/137,132
; FILING DATE: 18-AUG-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/864,564
; FILING DATE: 28-MAY-1997
; APPLICATION NUMBER: 08/708,123
; FILING DATE: 03-SEP-1996
; APPLICATION NUMBER: 08/638,524
; FILING DATE: 26-APR-1996
; APPLICATION NUMBER: 08/599,455
; FILING DATE: 22-JAN-1996
; APPLICATION NUMBER: 08/583,153
; FILING DATE: 28-DEC-1995
; APPLICATION NUMBER: 08/570,142
; FILING DATE: 11-DEC-1995
; APPLICATION NUMBER: 08/569,485
; FILING DATE: 08-DEC-1995
; APPLICATION NUMBER: 08/566,622
; FILING DATE: 04-DEC-1995
; APPLICATION NUMBER: 08/562,663
; FILING DATE: 27-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Meiklejohn, Ph.D., Anita L.
; REGISTRATION NUMBER: 35,283
; REFERENCE/DOCKET NUMBER: 07334/019004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 894 amino acids
; TYPE: amino acid
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; FRAGMENT TYPE: internal
US-09-137-132-2

Query Match 98.8%; Score 4271; DB 3; Length 894;

Best Local Similarity 100.0%; Pred. No. 0;
Matches 796; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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DB 1 MMCQKFFVYVLLHWEFLYVIAALNLAYPISPWKFKLFCGPPNTTDDSFSLSPAGAPNNASAL 60
QY 61 KGASEAIVEAKFNSSGIYVPELSKTVFHCCGNEQONCSALTDTNTEGKTLASVVKASVF 120
DB 61 KGASEAIVEAKFNSSGIYVPELSKTVFHCCGNEQONCSALTDTNTEGKTLASVVKASVF 120
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DB 121 ROLGVNWDIECWMKGDLLTFLFICHEPPLKPNPKYNDKSVHLLYDLPEVIDDDSPPLPKDS 180
QY 181 FQTVQCNCSLRGCECHVPVPRAKLYALLMYLEITSAGVSFOSPLMSLOPMLVVKPDPPL 240
DB 181 FQTVQCNCSLRGCECHVPVPRAKLYALLMYLEITSAGVSFOSPLMSLOPMLVVKPDPPL 240
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DB 241 GLHMEVTDGNLKISWDSQTMAPPLOYQVVKLENSTIVREAAEIVSATSLVDSVLPGS 300
QY 301 SYEVQVRSKRLDGSVWSDWSSPOVFTTQDVVYFPPKILTSVGSNASPHCIYKNEQIIS 360
DB 301 SYEVQVRSKRLDGSVWSDWSSPOVFTTQDVVYFPPKILTSVGSNASPHCIYKNEQIIS 360
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DB 361 SKQIVWMRNLAKEPIEQIYSIVSDRVSKVTFSNLKATPRGKFTYDAVYCCNEQACHRY 420
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DB 421 AELVYIDVNIINISCTDGYLTQMTCRWSPSTIOSLVGSTVQLRYHRSILYCPDPSIHT 480
QY 481 SEPKNCVLQDGFYECVFPQIFLLSGYTMWIRINHSLSGLSDSPPTCVLPDPSVVKPLPPSN 540
DB 481 SEPKNCVLQDGFYECVFPQIFLLSGYTMWIRINHSLSGLSDSPPTCVLPDPSVVKPLPPSN 540
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DB 541 VKAEITVNTGLLKVSWEKVPFPENNLOFQIRYGLSGKGIQWKTHTHEVFDKSKASILLVSD 600
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DB 601 LCAYVQVQRCRLDGLGYWNSWSSPAYTLVMDVKVPMRGPEFWRKMDGDTVKKERNVTL 660
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DB 661 LMKPLTKNDSLCSVRRYVVGKRTAHNGTWSEDVGNRTNLTFLWTBPAHTVTVLVNLSGA 720
QY 721 SLVNFNLTFSWPMKSVAVESLSAYPLSSCVILSWILSPDDYSLLYLVIEWKILNEDDG 780
DB 721 SLVNFNLTFSWPMKSVAVESLSAYPLSSCVILSWILSPDDYSLLYLVIEWKILNEDDG 780
QY 781 MKWLRIPSNVKKFYIH 796
DB 781 MKWLRIPSNVKKFYIH 796

RESULT 5
US-08-864-564A-2
; Sequence 2, Application US/08864564A
; Patent No. 6395498
; GENERAL INFORMATION:
; APPLICANT: Tartaglia, Louis A.
; APPLICANT: Tepper, Robert I.
; APPLICANT: Culpepper, Janice A.
; APPLICANT: White, David W.
; TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR
; TITLE OF INVENTION: THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS,
; TITLE OF INVENTION: INCLUDING OBESITY AND CACHEXIA
; NUMBER OF SEQUENCES: 50

;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Fish & Richardson, P.C.
;; STREET: 225 Franklin Street
;; CITY: Boston
;; STATE: MA
;; COUNTRY: US
;; ZIP: 02110-2804
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Diskette
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: Windows95
;; SOFTWARE: FastSEQ for Windows Version 2.0
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/864,564A
;; FILING DATE: 28-MAY-1997
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/708,123
;; FILING DATE: 03-SEP-1996
;; APPLICATION NUMBER: 08/638,524
;; FILING DATE: 26-APR-1996
;; APPLICATION NUMBER: 08/599,455
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;; FILING DATE: 08-DEC-1995
;; APPLICATION NUMBER: 08/566,622
;; FILING DATE: 04-DEC-1995
;; APPLICATION NUMBER: 08/562,663
;; FILING DATE: 27-NOV-1995
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Meiklejohn, Ph.D., Anita L.
;; REGISTRATION NUMBER: 35,283
;; REFERENCE/DOCKET INFORMATION:
;; TELEPHONE: 617-542-5070
;; TELEFAX: 617-542-8906
;; TELEX: 200154
;; INFORMATION FOR SEQ ID NO: 2:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 894 amino acids
;; TYPE: amino acid
;; TOPOLOGY: unknown
;; MOLECULE TYPE: protein
;; FRAGMENT TYPE: internal
;; US-08-864-564A-2

Query Match 98.8%; Score 4271; DB 3; Length 894;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 796; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	MMCKQFYVLLHWEFLYVIAALNTAYIPSPWKFLFCGPPNTTDDSFSPAGAPNNASAL	60
Db	1	MMCKQFYVLLHWEFLYVIAALNTAYIPSPWKFLFCGPPNTTDDSFSPAGAPNNASAL	60
Qy	61	KGASEAIVEAKFNSSGIVVPELSKTVFHCCEGNEQNCALTNDTEGKTLASVVKASVF	120
Db	61	KGASEAIVEAKFNSSGIVVPELSKTVFHCCEGNEQNCALTNDTEGKTLASVVKASVF	120
Qy	121	ROLGVNWDIECMWKGDLTLFICHEMPLPKNPKNYDYSKVHLLYDLPEVIDDPSPLPKDS	180
Db	121	ROLGVNWDIECMWKGDLTLFICHEMPLPKNPKNYDYSKVHLLYDLPEVIDDPSPLPKDS	180
Qy	181	FQVQCNSLRGECHEVVPRAKLYALLMWLEITSAGVSFQSPPLMSQPLMWKPDPL	240
Db	181	FQVQCNSLRGECHEVVPRAKLYALLMWLEITSAGVSFQSPPLMSQPLMWKPDPL	240
Qy	241	GLHMEVTDGKLSWDSQTHAPPPLOVQVYKLENSTIVREAAEIVSATSLVDSVLP	300
Db	241	GLHMEVTDGKLSWDSQTHAPPPLOVQVYKLENSTIVREAAEIVSATSLVDSVLP	300

Qy	301	SYEVQVRSKRLDGGGVMDSWSSPQVFTTQDVVYPPPKILTSGVSNASPHCIYKNNQIIS	360
Db	301	SYEVQVRSKRLDGGGVMDSWSSPQVFTTQDVVYPPPKILTSGVSNASPHCIYKNNQIIS	360
Qy	361	SKQIWWNENLAEKIPETQISVSDRVSKVTSNLSKATPRGKFTYDAYVCCNEQACHHRY	420
Db	361	SKQIWWNENLAEKIPETQISVSDRVSKVTSNLSKATPRGKFTYDAYVCCNEQACHHRY	420
Qy	421	AELVYVIDVNIINISCTDGYLTMTCRWSPSTIQSLVSGTVQLRYHRRSLYCPDPSIHPT	480
Db	421	AELVYVIDVNIINISCTDGYLTMTCRWSPSTIQSLVSGTVQLRYHRRSLYCPDPSIHPT	480
Qy	481	SEPKNCVLQORDGYECVFPQIFLLSGYTMWIRINHSLSGLSDSPPTCVLPDPSPN	540
Db	481	SEPKNCVLQORDGYECVFPQIFLLSGYTMWIRINHSLSGLSDSPPTCVLPDPSPN	540
Qy	541	VKAETVNTGTLKVSWEKVPFENNLOFQIRYGLSGKEIQWKTHEVFDKSKSASLLVSD	600
Db	541	VKAETVNTGTLKVSWEKVPFENNLOFQIRYGLSGKEIQWKTHEVFDKSKSASLLVSD	600
Qy	601	LCAVYVQVRCRLDGLGYWNSWSSPAYTLVMDVKVPMRGPEFWKMDGDTVTKERNVTL	660
Db	601	LCAVYVQVRCRLDGLGYWNSWSSPAYTLVMDVKVPMRGPEFWKMDGDTVTKERNVTL	660
Qy	661	LWKPLTKNDSLCSVRRYVYVVKHRTAHNGTWSVDVGNRTNLTFLWTEPAHTVTVLAVNSLGA	720
Db	661	LWKPLTKNDSLCSVRRYVYVVKHRTAHNGTWSVDVGNRTNLTFLWTEPAHTVTVLAVNSLGA	720
Qy	721	SLVNFNLTFSPWMSKVSAYESLSAYPLSSCVILSWTLSPDDYSLLYLVIEWKILNEDDG	780
Db	721	SLVNFNLTFSPWMSKVSAYESLSAYPLSSCVILSWTLSPDDYSLLYLVIEWKILNEDDG	780
Qy	781	MKWLRIIPSNVKKFYH 796	
Db	781	MKWLRIIPSNVKKFYH 796	

RESULT 6
US-09-094-410-2
; Sequence 2, Application US/09094410
; Patent No. 6403552
; GENERAL INFORMATION:
; APPLICANT: Tartaglia, Louis A.
; APPLICANT: Tepper, Robert I.
; APPLICANT: Culpepper, Janice A.
; APPLICANT: White, David W.
; TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR
; TITLE OF INVENTION: THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS,
; TITLE OF INVENTION: INCLUDING OBESITY AND CACHEXIA
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/094,410
; FILING DATE: 09-JUN-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/864,564
; FILING DATE: 28-MAY-1997
; APPLICATION NUMBER: 08/708,123
; FILING DATE: 03-SEP-1996
; APPLICATION NUMBER: 08/638,524
; FILING DATE: 26-APR-1996
; APPLICATION NUMBER: 08/599,455

FRAGMENT TYPE: internal
US-08-708-123D-2

Query Match 98.8%; Score 4271; DB 4; Length 894;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 796; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MMCQKFFVVLHWEFLYVIAALNLAYPISPKWFKLFCGPPNTTDDSFSLSPAGAPNNASAL 60
DB 1 MMCQKFFVVLHWEFLYVIAALNLAYPISPKWFKLFCGPPNTTDDSFSLSPAGAPNNASAL 60

QY 61 KGASEAIVEAKFNSSGIYVPELSKTVFHCFCGNEQNCQCSALTNTDTEGKTLASVVKASVF 120
DB 61 KGASEAIVEAKFNSSGIYVPELSKTVFHCFCGNEQNCQCSALTNTDTEGKTLASVVKASVF 120

QY 121 ROLGVNWDIECMWKGDLTLFICHMEPLKPNPKNYDSKVHLLYDLPEVIDDSPLPLKDS 180
DB 121 ROLGVNWDIECMWKGDLTLFICHMEPLKPNPKNYDSKVHLLYDLPEVIDDSPLPLKDS 180

QY 181 FQTVQNCSLRGCECHVPVPRAKNLAYLMLYLETISAGVSFQSPMLSLQPMVLVVKPDPPL 240
DB 181 FQTVQNCSLRGCECHVPVPRAKNLAYLMLYLETISAGVSFQSPMLSLQPMVLVVKPDPPL 240

QY 241 GLHMEVTDGKLIKISWDSQTMAPPFLQYQVLYENSTIVREAAEIVSATSLLDVSVLPGS 300
DB 241 GLHMEVTDGKLIKISWDSQTMAPPFLQYQVLYENSTIVREAAEIVSATSLLDVSVLPGS 300

QY 301 SYEVQVRSKRLDGGSGVWSDSSPQVFTTQDVVYFPFKILTSGVSNASHFCHIKYKNNQIIS 360
DB 301 SYEVQVRSKRLDGGSGVWSDSSPQVFTTQDVVYFPFKILTSGVSNASHFCHIKYKNNQIIS 360

QY 361 SKQIWMENLAKEPIEIOYSIVSDRVSKVTFNSLKATPRGKFTYDQVYVCCNEQACHRY 420
DB 361 SKQIWMENLAKEPIEIOYSIVSDRVSKVTFNSLKATPRGKFTYDQVYVCCNEQACHRY 420

QY 421 AELVYIDVNIINISCTDGYLTMTCRWSPSTTQSLVSTQVLYRHRSLYCPDPSIHT 480
DB 421 AELVYIDVNIINISCTDGYLTMTCRWSPSTTQSLVSTQVLYRHRSLYCPDPSIHT 480

QY 481 SEPKNCVLQDGYFCVQPIFLSGYTWIRINHSLSGLSDSPPTCVLPDSVVKPLPSN 540
DB 481 SEPKNCVLQDGYFCVQPIFLSGYTWIRINHSLSGLSDSPPTCVLPDSVVKPLPSN 540

QY 541 VKAEITVNTGLLKWSWEKVPVPPENNLQFQIRYGLSGKEIQWTHVFDKSKASLLVSD 600
DB 541 VKAEITVNTGLLKWSWEKVPVPPENNLQFQIRYGLSGKEIQWTHVFDKSKASLLVSD 600

QY 601 LCAVYVQVRCRRLDGLGYWNSWSSPAYTLVMDVKVPMRGPEFWRKMDGVTCKERNVTL 660
DB 601 LCAVYVQVRCRRLDGLGYWNSWSSPAYTLVMDVKVPMRGPEFWRKMDGVTCKERNVTL 660

QY 661 LKPLTKNDLSVRRYVVKHRTAINGTWSBVDGVRNTLTLFWTBPATVTVLAVNSLGA 720
DB 661 LKPLTKNDLSVRRYVVKHRTAINGTWSBVDGVRNTLTLFWTBPATVTVLAVNSLGA 720

QY 721 SLVNFNLTFSPWMSKVSAVESLSAYPLSSCVILSWTSLPDDYSLLYLVIEWKILNEDDG 780
DB 721 SLVNFNLTFSPWMSKVSAVESLSAYPLSSCVILSWTSLPDDYSLLYLVIEWKILNEDDG 780

QY 781 MKWLRIIPSNVKKFYIH 796
DB 781 MKWLRIIPSNVKKFYIH 796

RESULT 8

US-08-583-153A-2
; Sequence 2, Application US/08583153A
; Patent No. 6506877
; GENERAL INFORMATION:
; APPLICANT: Tartaglia, Louis A.
; APPLICANT: Tepper, Robert I.
; APPLICANT: Culpepper, Janice A.
; TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR THE

TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS, INCLUDING
TITLE OF INVENTION: OBESITY AND CACHEXIA
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: US
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/583,153A
FILING DATE: 28-DEC-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/570,142
FILING DATE: 11-DEC-1995
APPLICATION NUMBER: 08/569,485
FILING DATE: 08-DEC-1995
APPLICATION NUMBER: 08/566,622
FILING DATE: 04-DEC-1995
APPLICATION NUMBER: 08/562,663
FILING DATE: 27-NOV-1995
ATTORNEY/AGENT INFORMATION:
NAME: Meiklejohn, Anita L.
REGISTRATION NUMBER: 35,283
REFERENCE/DOCKET NUMBER: 07334/016001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-542-5070
TELEFAX: 617-542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 894 amino acids
TYPE: amino acid
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-583-153A-2

Query Match 98.8%; Score 4271; DB 4; Length 894;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 796; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MMCQKFFVVLHWEFLYVIAALNLAYPISPKWFKLFCGPPNTTDDSFSLSPAGAPNNASAL 60
DB 1 MMCQKFFVVLHWEFLYVIAALNLAYPISPKWFKLFCGPPNTTDDSFSLSPAGAPNNASAL 60

QY 61 KGASEAIVEAKFNSSGIYVPELSKTVFHCFCGNEQNCQCSALTNTDTEGKTLASVVKASVF 120
DB 61 KGASEAIVEAKFNSSGIYVPELSKTVFHCFCGNEQNCQCSALTNTDTEGKTLASVVKASVF 120

QY 121 ROLGVNWDIECMWKGDLTLFICHMEPLKPNPKNYDSKVHLLYDLPEVIDDSPLPLKDS 180
DB 121 ROLGVNWDIECMWKGDLTLFICHMEPLKPNPKNYDSKVHLLYDLPEVIDDSPLPLKDS 180

QY 181 FQTVQNCSLRGCECHVPVPRAKNLAYLMLYLETISAGVSFQSPMLSLQPMVLVVKPDPPL 240
DB 181 FQTVQNCSLRGCECHVPVPRAKNLAYLMLYLETISAGVSFQSPMLSLQPMVLVVKPDPPL 240

QY 241 GLHMEVTDGKLIKISWDSQTMAPPFLQYQVLYENSTIVREAAEIVSATSLLDVSVLPGS 300
DB 241 GLHMEVTDGKLIKISWDSQTMAPPFLQYQVLYENSTIVREAAEIVSATSLLDVSVLPGS 300

QY 301 SYEVQVRSKRLDGGSGVWSDSSPQVFTTQDVVYFPFKILTSGVSNASHFCHIKYKNNQIIS 360
DB 301 SYEVQVRSKRLDGGSGVWSDSSPQVFTTQDVVYFPFKILTSGVSNASHFCHIKYKNNQIIS 360

QY 361 SKQIWMENLAKEPIEIOYSIVSDRVSKVTFNSLKATPRGKFTYDQVYVCCNEQACHRY 420
DB 361 SKQIWMENLAKEPIEIOYSIVSDRVSKVTFNSLKATPRGKFTYDQVYVCCNEQACHRY 420


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; Patent No. 6548269
; GENERAL INFORMATION:
; APPLICANT: Tartaglia, Louis A.
; APPLICANT: Tepper, Robert I.
; APPLICANT: Culpepper, Janice A.
; APPLICANT: White, David W.
; TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR THE
; TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS, INCLUDING OB
; TITLE OF INVENTION: CACHEXIA
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/638,524B
; FILING DATE: 26-APR-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/599,455
; FILING DATE: 22-JAN-1996
; APPLICATION NUMBER: 08/583,153
; FILING DATE: 28-DEC-1995
; APPLICATION NUMBER: 08/570,142
; FILING DATE: 11-DEC-1995
; APPLICATION NUMBER: 08/569,485
; FILING DATE: 08-DEC-1995
; APPLICATION NUMBER: 08/566,622
; FILING DATE: 04-DEC-1995
; APPLICATION NUMBER: 08/562,663
; FILING DATE: 27-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Meiklejohn, Ph.D., Anita L.
; REGISTRATION NUMBER: 35,283
; REFERENCE/DOCKET NUMBER: 07334/018001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 894 amino acids
; TYPE: amino acid
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; FRAGMENT TYPE: internal
; US-08-638-524B-2

Query Match          98.8%; Score 4271; DB 4; Length 894;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 796; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MMCQKPYVLLHWEFLYVIAALNLAYPISPWKFLFCGPPNTTDDSFILSPAGAPNNASAL 60
DB 1 MMCQKPYVLLHWEFLYVIAALNLAYPISPWKFLFCGPPNTTDDSFILSPAGAPNNASAL 60
QY 61 KGASAIVEAKNNSGIIYVPELSKTVFHCFCFNEQONCSALTDTNTEGKTLASVVKASVF 120
DB 61 KGASAIVEAKNNSGIIYVPELSKTVFHCFCFNEQONCSALTDTNTEGKTLASVVKASVF 120
QY 121 ROLGVNWDIECKWKGDLTLFICHMEPLPKNPKNYDSKVHLLYDLPEVIDDSDPLPLKDS 180
DB 121 ROLGVNWDIECKWKGDLTLFICHMEPLPKNPKNYDSKVHLLYDLPEVIDDSDPLPLKDS 180
QY 181 FQTVQCNSLRGCECHVPPRAKLNALMLYLEITSAGVSFQSPMLSQPMLVVKPDPL 240

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DB 181 FQTVQCNSLRGCECHVPPRAKLNALMLYLEITSAGVSFQSPMLSQPMLVVKPDPL 240
QY 241 GLHMEVTDGNLKISWDSQTMAPPLOQVQVYKLENSITVRBAAEIVSATSLLDVSLPGS 300
DB 241 GLHMEVTDGNLKISWDSQTMAPPLOQVQVYKLENSITVRBAAEIVSATSLLDVSLPGS 300
QY 301 SYEQVRSKRDLGGSGVSDMSSPOVFTTQDVVYPPKILTSGVSNASHFICIKYENQIIS 360
DB 301 SYEQVRSKRDLGGSGVSDMSSPOVFTTQDVVYPPKILTSGVSNASHFICIKYENQIIS 360
QY 361 SKQIWMRNLAEKIPEIQYISVDRSVKVTFSNLKATPRGKFTYDQVYCCNEQACHRY 420
DB 361 SKQIWMRNLAEKIPEIQYISVDRSVKVTFSNLKATPRGKFTYDQVYCCNEQACHRY 420
QY 421 AELVVIDVNIINISCTDGLTKMTCRWSPSTIQSLVGVSTVOLRYHRRSLYCPDPSIHT 480
DB 421 AELVVIDVNIINISCTDGLTKMTCRWSPSTIQSLVGVSTVOLRYHRRSLYCPDPSIHT 480
QY 481 SEPKNVLRDGFYECVFPQIFLLSGYTMWIRINHSLSGLSDSPPTCVLPDSVVKPLPPSN 540
DB 481 SEPKNVLRDGFYECVFPQIFLLSGYTMWIRINHSLSGLSDSPPTCVLPDSVVKPLPPSN 540
QY 541 VKAEITVNTGLLKYSWEKVPENNLQFOIRYGLSGKEIQMKTHEVFDKSKSASILLVSD 600
DB 541 VKAEITVNTGLLKYSWEKVPENNLQFOIRYGLSGKEIQMKTHEVFDKSKSASILLVSD 600
QY 601 LCAVYVQVRCRRLDGLGYWNSWSSPAYTLVMDVVKVPMRGPEFWMKMDGDTVKERNVTL 660
DB 601 LCAVYVQVRCRRLDGLGYWNSWSSPAYTLVMDVVKVPMRGPEFWMKMDGDTVKERNVTL 660
QY 661 LWKPLTKNDSLCSVRRYVVKHRTAHNGTWSEDVGNRTNLTLFLWTEPAHTVTVLAVNSLGA 720
DB 661 LWKPLTKNDSLCSVRRYVVKHRTAHNGTWSEDVGNRTNLTLFLWTEPAHTVTVLAVNSLGA 720
QY 721 SLVNFNLTFSPWMSKVSAYLSAYPLSSCVILSWTLSPDDYSLLYLVIWKILNEDDG 780
DB 721 SLVNFNLTFSPWMSKVSAYLSAYPLSSCVILSWTLSPDDYSLLYLVIWKILNEDDG 780
QY 781 MKWLRIIPSNVKKFYIH 796
DB 781 MKWLRIIPSNVKKFYIH 796

RESULT 11
US-08-599-455B-43
; Sequence 43, Application US/08599455B
; Patent No. 5972621
; GENERAL INFORMATION:
; APPLICANT: Tartaglia, Louis A.
; APPLICANT: Tepper, Robert I.
; APPLICANT: Culpepper, Janice A.
; TITLE OF INVENTION: METHODS OF IDENTIFYING COMPOUNDS THAT
; TITLE OF INVENTION: MODULATE BODY WEIGHT USING THE OB RECEPTOR
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/599,455B
; FILING DATE: 22-JAN-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/583,153
; FILING DATE: 28-DEC-1995
; APPLICATION NUMBER: 08/570,142

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; FILING DATE: 11-DEC-1995
; APPLICATION NUMBER: 08/569,485
; FILING DATE: 08-DEC-1995
; APPLICATION NUMBER: 08/566,622
; FILING DATE: 04-DEC-1995
; APPLICATION NUMBER: 08/562,663
; FILING DATE: 27-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Meiklejohn, Ph.D., Anita L.
; REGISTRATION NUMBER: 35,283
; REFERENCE/DOCKET NUMBER: 07334/017001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1162 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FRAGMENT TYPE: internal
US-08-599-455B-43

Query Match 98.8%; Score 4271; DB 2; Length 1162;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 796; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MMCQKPYVYLLHWEFLYVIAALNLAYPISPWKFLFCGPPNTTDDSFSPAGAPNNASAL 60
DB 1 MMCQKPYVYLLHWEFLYVIAALNLAYPISPWKFLFCGPPNTTDDSFSPAGAPNNASAL 60
QY 61 KGASEAIVEAKFNSSGIIYVPELSKTVFHCFCFNEQGQNCALTDTNTEGKTLASVVKASVF 120
DB 61 KGASEAIVEAKFNSSGIIYVPELSKTVFHCFCFNEQGQNCALTDTNTEGKTLASVVKASVF 120
QY 121 ROLGVNWDIECMWKGDLTLFICHMEPLPKNPKNYDVKVHLLYDLPEVIDDSDPLPLKDS 180
DB 121 ROLGVNWDIECMWKGDLTLFICHMEPLPKNPKNYDVKVHLLYDLPEVIDDSDPLPLKDS 180
QY 181 FQTVQCNSLRGCECHVPVPRAKLYALLMYLEITSAGVSFQSPMLSLQPLVVKPDPPL 240
DB 181 FQTVQCNSLRGCECHVPVPRAKLYALLMYLEITSAGVSFQSPMLSLQPLVVKPDPPL 240
QY 241 GLHMEVTDGNLKIWDSDQTMAPFPLOYQVKYLENSTIVREAAEIVSATSLIVDSVLPFS 300
DB 241 GLHMEVTDGNLKIWDSDQTMAPFPLOYQVKYLENSTIVREAAEIVSATSLIVDSVLPFS 300
QY 301 SYEVQVRKRLDGGVMSDSSPQVFTTQDVVYFPFKILTSGSNASHFCIYKNEQNIIS 360
DB 301 SYEVQVRKRLDGGVMSDSSPQVFTTQDVVYFPFKILTSGSNASHFCIYKNEQNIIS 360
QY 361 SKQIYVWRNLAKPIEIQVSIYSDRVSKVTFNSLKATPRGKFTYDAVYCCNEQACHRY 420
DB 361 SKQIYVWRNLAKPIEIQVSIYSDRVSKVTFNSLKATPRGKFTYDAVYCCNEQACHRY 420
QY 421 AELVYIDVNNISCTDGLTQMTCRWSPSTTQSIYGVSTQVLYRHRSLYCPDPSIHT 480
DB 421 AELVYIDVNNISCTDGLTQMTCRWSPSTTQSIYGVSTQVLYRHRSLYCPDPSIHT 480
QY 481 SEPKNCVLQDGFYECVFOPIFLLSGYTWTWIRINHSLSGLSDSPPTCVLPDSVVKPLPPSN 540
DB 481 SEPKNCVLQDGFYECVFOPIFLLSGYTWTWIRINHSLSGLSDSPPTCVLPDSVVKPLPPSN 540
QY 541 VKAEITVNTGLLKVSWKXPVFPENNLFQIRYGLSGKEIQWTKHVFVDAKSKSALLVSD 600
DB 541 VKAEITVNTGLLKVSWKXPVFPENNLFQIRYGLSGKEIQWTKHVFVDAKSKSALLVSD 600
QY 601 LCAYVYVQVRCRLDGLGYSWNSSPAYTLVMDVKVPMRGPFWRKMGDVTTKERNVTL 660
DB 601 LCAYVYVQVRCRLDGLGYSWNSSPAYTLVMDVKVPMRGPFWRKMGDVTTKERNVTL 660
QY 661 LMKPLTKNDSLCSVRRYVVKHRTAHNGTWSVDGNGRTNLTLFLWTEPAHTVTVLAVNSLGA 720
; FILING DATE: 11-DEC-1995
; APPLICATION NUMBER: 08/569,485
; FILING DATE: 08-DEC-1995
; APPLICATION NUMBER: 08/566,622
; FILING DATE: 04-DEC-1995
; APPLICATION NUMBER: 08/562,663
; FILING DATE: 27-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Meiklejohn, Ph.D., Anita L.
; REGISTRATION NUMBER: 35,283
; REFERENCE/DOCKET NUMBER: 07334/017001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1162 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FRAGMENT TYPE: internal
US-08-599-455B-43

Query Match 98.8%; Score 4271; DB 2; Length 1162;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 796; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MMCQKPYVYLLHWEFLYVIAALNLAYPISPWKFLFCGPPNTTDDSFSPAGAPNNASAL 60
DB 1 MMCQKPYVYLLHWEFLYVIAALNLAYPISPWKFLFCGPPNTTDDSFSPAGAPNNASAL 60
QY 61 KGASEAIVEAKFNSSGIIYVPELSKTVFHCFCFNEQGQNCALTDTNTEGKTLASVVKASVF 120
DB 61 KGASEAIVEAKFNSSGIIYVPELSKTVFHCFCFNEQGQNCALTDTNTEGKTLASVVKASVF 120
QY 121 ROLGVNWDIECMWKGDLTLFICHMEPLPKNPKNYDVKVHLLYDLPEVIDDSDPLPLKDS 180
DB 121 ROLGVNWDIECMWKGDLTLFICHMEPLPKNPKNYDVKVHLLYDLPEVIDDSDPLPLKDS 180
QY 181 FQTVQCNSLRGCECHVPVPRAKLYALLMYLEITSAGVSFQSPMLSLQPLVVKPDPPL 240
DB 181 FQTVQCNSLRGCECHVPVPRAKLYALLMYLEITSAGVSFQSPMLSLQPLVVKPDPPL 240
QY 241 GLHMEVTDGNLKIWDSDQTMAPFPLOYQVKYLENSTIVREAAEIVSATSLIVDSVLPFS 300
DB 241 GLHMEVTDGNLKIWDSDQTMAPFPLOYQVKYLENSTIVREAAEIVSATSLIVDSVLPFS 300
QY 301 SYEVQVRKRLDGGVMSDSSPQVFTTQDVVYFPFKILTSGSNASHFCIYKNEQNIIS 360
DB 301 SYEVQVRKRLDGGVMSDSSPQVFTTQDVVYFPFKILTSGSNASHFCIYKNEQNIIS 360
QY 361 SKQIYVWRNLAKPIEIQVSIYSDRVSKVTFNSLKATPRGKFTYDAVYCCNEQACHRY 420
DB 361 SKQIYVWRNLAKPIEIQVSIYSDRVSKVTFNSLKATPRGKFTYDAVYCCNEQACHRY 420
QY 421 AELVYIDVNNISCTDGLTQMTCRWSPSTTQSIYGVSTQVLYRHRSLYCPDPSIHT 480
DB 421 AELVYIDVNNISCTDGLTQMTCRWSPSTTQSIYGVSTQVLYRHRSLYCPDPSIHT 480
QY 481 SEPKNCVLQDGFYECVFOPIFLLSGYTWTWIRINHSLSGLSDSPPTCVLPDSVVKPLPPSN 540
DB 481 SEPKNCVLQDGFYECVFOPIFLLSGYTWTWIRINHSLSGLSDSPPTCVLPDSVVKPLPPSN 540
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DB 541 VKAEITVNTGLLKVSWKXPVFPENNLFQIRYGLSGKEIQWTKHVFVDAKSKSALLVSD 600
QY 601 LCAYVYVQVRCRLDGLGYSWNSSPAYTLVMDVKVPMRGPFWRKMGDVTTKERNVTL 660
DB 601 LCAYVYVQVRCRLDGLGYSWNSSPAYTLVMDVKVPMRGPFWRKMGDVTTKERNVTL 660
QY 661 LMKPLTKNDSLCSVRRYVVKHRTAHNGTWSVDGNGRTNLTLFLWTEPAHTVTVLAVNSLGA 720
; FILING DATE: 11-DEC-1995
; APPLICATION NUMBER: 08/569,485
; FILING DATE: 08-DEC-1995
; APPLICATION NUMBER: 08/566,622
; FILING DATE: 04-DEC-1995
; APPLICATION NUMBER: 08/562,663
; FILING DATE: 27-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Meiklejohn, Ph.D., Anita L.
; REGISTRATION NUMBER: 35,283
; REFERENCE/DOCKET NUMBER: 07334/082001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1162 amino acids
; TYPE: amino acid
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; FILING DATE: 11-DEC-1995
; APPLICATION NUMBER: 08/569,485
; FILING DATE: 08-DEC-1995
; APPLICATION NUMBER: 08/566,622
; FILING DATE: 04-DEC-1995
; APPLICATION NUMBER: US 08/570,142
; FILING DATE: 11-DEC-1995
; APPLICATION NUMBER: US 08/569,485
; FILING DATE: 08-DEC-1995
; APPLICATION NUMBER: US 08/566,622
; FILING DATE: 28-DEC-1995
; APPLICATION NUMBER: US 08/583,153
; FILING DATE: 22-JAN-1996
; APPLICATION NUMBER: US 08/599,455
; FILING DATE: 26-APR-1996
; APPLICATION NUMBER: US 08/638,524
; FILING DATE: 03-SEP-1996
; APPLICATION NUMBER: US 08/708,123
; FILING DATE: 28-MAY-1997
; APPLICATION NUMBER: US 08/864,564
; FILING DATE: 29-APRIL-1998
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; OPERATING SYSTEM: Windows95
; COMPUTER: IBM Compatible
; MEDIUM TYPE: Diskette
; COMPUTER READABLE FORM:
; ZIP: 02110-2804
; COUNTRY: US
; CITY: Boston
; STATE: MA
; STREET: 225 Franklin Street
; ADDRESS: Fish & Richardson, P.C.
; CORRESPONDENCE ADDRESS:
; NUMBER OF SEQUENCES: 50
; TITLE OF INVENTION: INCLUDING OBESITY AND CACHEXIA
; TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR
; TITLE OF INVENTION: THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS,
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESS: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US 09/069,781B
; FILING DATE: 29-APRIL-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/864,564
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; APPLICATION NUMBER: US 08/638,524
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; FILING DATE: 11-DEC-1995
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; APPLICATION NUMBER: US 08/566,622
; FILING DATE: 04-DEC-1995
; APPLICATION NUMBER: US 08/562,663
; FILING DATE: 27-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Meiklejohn, Ph.D., Anita L.
; REGISTRATION NUMBER: 35,283
; REFERENCE/DOCKET NUMBER: 07334/082001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1162 amino acids
; TYPE: amino acid
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
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Qy 361 SKQIIVWRNLAEKIPFQVSIIVSDRVSKVTFNSLNKATPRGKFTYDAVYCCNEQACHRY 420
Db 361 SKQIIVWRNLAEKIPFQVSIIVSDRVSKVTFNSLNKATPRGKFTYDAVYCCNEQACHRY 420
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Db 481 SEPKNCVLQDGFYECVFPQIFLLSGYTMWIRINHSLSLSDSPTTQSLVGVSTVQLRYHRRSLYCPDPSIHT 540
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Db 541 VKAEITVNTGLLKVSWEKVPFPENNLFQIRYGLSGKEIQWKTHEVFDKSKSALLVSD 600
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Db 661 LKPLTKDNLCSVRYVYVVKHRTAHNGTWSVDGKRTNLTLFWLTPAHTVTVLAVNSLGA 720
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Db 781 MKWLRIIPSNVKKFYIH 796

RESULT 14

US-08-864-564A-43
; Sequence 43, Application US/08864564A
; Patent No. 6395498
; GENERAL INFORMATION:
; APPLICANT: Tartaglia, Louis A.
; APPLICANT: Tepper, Robert I.
; APPLICANT: Culpepper, Janice A.
; APPLICANT: White, David W.
; TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR
; TITLE OF INVENTION: THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS,
; TITLE OF INVENTION: INCLUDING OBESITY AND CACHEXIA
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: Fast-SEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/864,564A
; FILING DATE: 28-MAY-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/708,123

; FILING DATE: 03-SEP-1996
; APPLICATION NUMBER: 08/638,524
; FILING DATE: 26-APR-1996
; APPLICATION NUMBER: 08/599,455
; FILING DATE: 22-JAN-1996
; APPLICATION NUMBER: 08/583,153
; FILING DATE: 28-DEC-1995
; APPLICATION NUMBER: 08/570,142
; FILING DATE: 11-DEC-1995
; APPLICATION NUMBER: 08/569,485
; FILING DATE: 08-DEC-1995
; APPLICATION NUMBER: 08/566,622
; FILING DATE: 04-DEC-1995
; APPLICATION NUMBER: 08/562,663
; FILING DATE: 27-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Meiklejohn, Ph.D., Anita L.
; REGISTRATION NUMBER: 35,283
; REFERENCE/DOCKET NUMBER: 07334/019002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-8906
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1162 amino acids
; TYPE: amino acid
; TOPOLOGY: unknown
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; FRAGMENT TYPE: internal
; US-08-864-564A-43
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Matches 796; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 61 KGASEAIVEAKFNSSGIYVPELSKTVFHCCFQNEQNCSTLTNTTEGKTLASVVKASVF 120
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Db 121 ROLGVNWDIECWKGDILFLFICHMEPLKPNPKYNDKSVHLLYDLPEVDDSDPLPLKDS 180
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Db 241 GLHMEVTDGDLNLKISWDSQTMAPPFLQVQVYKYLENSTIVREAAEIVSATSLLVDSVLP 300
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RESULT 15

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 ; Sequence 43, Application US/09094410
 ; Patent No. 6403552
 ; GENERAL INFORMATION:
 ; APPLICANT: Tartaglia, Louis A.
 ; APPLICANT: Tepper, Robert I.
 ; APPLICANT: Cupepper, Janice A.
 ; APPLICANT: White, David W.
 ; TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR
 ; TITLE OF INVENTION: THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS,
 ; TITLE OF INVENTION: INCLUDING OBESITY AND CACHEXIA
 ; NUMBER OF SEQUENCES: 50
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Fish & Richardson, P.C.
 ; STREET: 225 Franklin Street
 ; CITY: Boston
 ; STATE: MA
 ; COUNTRY: US
 ; ZIP: 02110-2804
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: Windows95
 ; SOFTWARE: FastSEQ for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/094,410
 ; FILING DATE: 09-JUN-1998
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/864,564
 ; FILING DATE: 28-MAY-1997
 ; APPLICATION NUMBER: 08/708,123
 ; FILING DATE: 03-SEP-1996
 ; APPLICATION NUMBER: 08/638,524
 ; FILING DATE: 26-APR-1996
 ; APPLICATION NUMBER: 08/599,455
 ; FILING DATE: 22-JAN-1996
 ; APPLICATION NUMBER: 08/583,153
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 ; FILING DATE: 11-DEC-1995
 ; APPLICATION NUMBER: 08/569,485
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 ; FILING DATE: 04-DEC-1995
 ; APPLICATION NUMBER: 08/562,663
 ; FILING DATE: 27-NOV-1995
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Meiklejohn, Ph.D., Anita L.
 ; REGISTRATION NUMBER: 35,283
 ; REFERENCE/DOCKET NUMBER: 07334/019003
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 617-542-5070

TELEFAX: 617-542-8906
 TELEX: 200154
 ; INFORMATION FOR SEQ ID NO: 43:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 1162 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: unknown
 ; MOLECULE TYPE: protein
 ; FRAGMENT TYPE: internal
 ; US-09-094-410-43

Query Match 98.8%; Score 4271; DB 4; Length 1162;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 796; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 Db 721 SLVNFNLTFSWPMKSVAVESLSAYPLSSSCVILSWTILSPDDYSLLYLVIEWKILNEDDG 780
 QY 781 MKWLRIIPSNVKKFYIH 796
 Db 781 MKWLRIIPSNVKKFYIH 796

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 3, 2004, 23:08:16 ; Search time 141 Seconds
(without alignments)

1851.019 Million cell updates/sec

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Searched: 1370721 seqs, 324215800 residues

Total number of hits satisfying chosen parameters: 1370721

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Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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5	4265	98.7	1162	14	US-10-226-579-2
6	4031	93.3	783	8	US-08-779-457-7
7	4031	93.3	783	14	US-10-214-802-7
8	3355	77.6	804	10	US-09-116-676-10
9	3340	77.3	896	8	US-08-779-457-3
10	3340	77.3	896	14	US-10-214-802-3
11	3340	77.3	896	16	US-10-373-624A-2
12	3340	77.3	923	8	US-08-779-457-4
13	3340	77.3	923	14	US-10-214-802-4

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17 3340 77.3 1165 14 US-10-214-802-2
18 3340 77.3 1165 14 US-10-226-579-4
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21 3328 77.0 958 13 US-10-095-929-8
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31 390 9.0 1158 14 US-10-282-162-26
32 380 8.8 1168 9 US-09-935-868-24
33 380 8.8 1168 14 US-10-287-035-24
34 380 8.8 1168 14 US-10-282-162-24
35 380 8.8 1168 14 US-10-079-625-5
36 298.5 6.9 488 13 US-10-313-135-2
37 298.5 6.9 708 14 US-10-311-473-12
38 298.5 6.9 807 15 US-09-313-942-7
39 298.5 6.9 859 9 US-09-935-868-7
40 298.5 6.9 859 14 US-10-287-035-7
41 298.5 6.9 859 14 US-10-282-162-7
42 298.5 6.9 859 14 US-10-282-162-7
43 298.5 6.9 918 10 US-09-853-180-4
44 298.5 6.9 918 10 US-09-972-708-8
45 298.5 6.9 918 14 US-10-177-293-230

ALIGNMENTS

RESULT 1
US-08-779-457-51
; Sequence 51, Application US/08779457
; Publication No. US20020193571A1
; GENERAL INFORMATION:
; APPLICANT: Carter, Paul J.
; APPLICANT: Chiang, Nancy Y.
; APPLICANT: Kyung, Jin Kim
; APPLICANT: Matthews, William
; APPLICANT: Rodrigues, Maria L.
; TITLE OF INVENTION: WSX RECEPTOR AGONIST ANTIBODIES
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/779,457
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/667197
; FILING DATE: 06/20/96
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585005
; FILING DATE: 01/08/96
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.


```
QY 61 KGASEAIVEAKFNSSGIYVPELSKTVFHCFCGNEQONCSALTNDTEGKTLASVVKASVF 120
Db 61 KGASEAIVEAKFNSSGIYVPELSKTVFHCFCGNEQONCSALTNDTEGKTLASVVKASVF 120
QY 121 ROLGVNWDIECMWKGDLTLFICHMEPLPKNPKNYDSKVHLLYDLPEVIDDSPLPLKDS 180
Db 121 ROLGVNWDIECMWKGDLTLFICHMEPLPKNPKNYDSKVHLLYDLPEVIDDSPLPLKDS 180
QY 181 FOTVQCNSLRGCECHVPVPRAKNLYALLMYLEITSAGVSFOSPLMSLQPLMLVVKPDPL 240
Db 181 FOTVQCNSLRGCECHVPVPRAKNLYALLMYLEITSAGVSFOSPLMSLQPLMLVVKPDPL 240
QY 241 GLHMEVTDGDLKISWDSQTMAPPFLOQVYKYLENSTIVREAAEIVSATSLVDSVLPDS 300
Db 241 GLHMEVTDGDLKISWDSQTMAPPFLOQVYKYLENSTIVREAAEIVSATSLVDSVLPDS 300
QY 301 SYEVQVRSKRLDGSVWSDSSPQVFTTQDVVYFPFKILTSVGSNASFHCIIYKNEQIIS 360
Db 301 SYEVQVRSKRLDGSVWSDSSPQVFTTQDVVYFPFKILTSVGSNASFHCIIYKNEQIIS 360
QY 361 SKQIIVWRNLAEKIPFIQIYSIVSDRVSKVTFPNLKATPRGKFTYDAVYCCNEQAACHRY 420
Db 361 SKQIIVWRNLAEKIPFIQIYSIVSDRVSKVTFPNLKATPRGKFTYDAVYCCNEQAACHRY 420
QY 421 AELVYIDVNIINISCTDGLTKMTCRWSPSTIQSLVGSVQLRYHRRSLYCPDPSIHPT 480
Db 421 AELVYIDVNIINISCTDGLTKMTCRWSPSTIQSLVGSVQLRYHRRSLYCPDPSIHPT 480
QY 481 SEPKNCVLQDGFYECVFPFIQLLSGYTWMIRINHSLSGLSDSPPTCVLPDSVVKPLPPSN 540
Db 481 SEPKNCVLQDGFYECVFPFIQLLSGYTWMIRINHSLSGLSDSPPTCVLPDSVVKPLPPSN 540
QY 541 VKAEITVNTGLLKVSWEKVPFPENNLOQIRYGLSGKEIQWKTHEVFDKSKSALLVSD 600
Db 541 VKAEITVNTGLLKVSWEKVPFPENNLOQIRYGLSGKEIQWKTHEVFDKSKSALLVSD 600
QY 601 LCADVIVVQVRCRLDGLGSVWNSWPAYTLVMDVKVPMRGPFWRKMDGDTVTKERNVTL 660
Db 601 LCADVIVVQVRCRLDGLGSVWNSWPAYTLVMDVKVPMRGPFWRKMDGDTVTKERNVTL 660
QY 661 LWKPLTKNDSLCVRRYVVKHRTAHNGTWSVDGKNTLTLFWTPEPAHTVTVLAVNSLGA 720
Db 661 LWKPLTKNDSLCVRRYVVKHRTAHNGTWSVDGKNTLTLFWTPEPAHTVTVLAVNSLGA 720
QY 721 SLVNFNLTFSPWMSKVSAVESLSAYPLSSCVILSWTSLPDDYSLLYLVIENKILNEDDG 780
Db 721 SLVNFNLTFSPWMSKVSAVESLSAYPLSSCVILSWTSLPDDYSLLYLVIENKILNEDDG 780
QY 781 MKWLRIPIPSNVKKFYIH 796
Db 781 MKWLRIPIPSNVKKFYIH 796

RESULT 3
US-10-095-929-12
; Sequence 12, Application US/10095929
; Publication No. US20020197232A1
; GENERAL INFORMATION:
; APPLICANT: Snodgrass, H. Ralph
; Clöffi, Joseph
; Zupancic, Thomas Joel
; Shafer, Alan Wayne
; TITLE OF INVENTION: METHODS FOR USING THE OBESE
; GENE AND ITS GENE PRODUCT TO STIMULATE HEMATOPOIETIC
; DEVELOPMENT
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of The Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2811
```

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/095,929
; FILING DATE: 12-Mar-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/618,957
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Poissant, Brian M.
; REGISTRATION NUMBER: 28,462
; REFERENCE/DOCKET NUMBER: 008907-0033-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-493-4935
; TELEFAX: 650-493-5556
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 894 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 12:
US-10-095-929-12

Query Match 98.8%; Score 4271; DB 13; Length 894;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 796; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MMCQKFFVLLHWEFLYVIAALNLAYPISPKFKFLFCGPPNTTDDSFSLPAGAPNNASAL 60
Db 1 MMCQKFFVLLHWEFLYVIAALNLAYPISPKFKFLFCGPPNTTDDSFSLPAGAPNNASAL 60
QY 61 KGASEAIVEAKFNSSGIYVPELSKTVFHCFCGNEQONCSALTNDTEGKTLASVVKASVF 120
Db 61 KGASEAIVEAKFNSSGIYVPELSKTVFHCFCGNEQONCSALTNDTEGKTLASVVKASVF 120
QY 121 ROLGVNWDIECMWKGDLTLFICHMEPLPKNPKNYDSKVHLLYDLPEVIDDSPLPLKDS 180
Db 121 ROLGVNWDIECMWKGDLTLFICHMEPLPKNPKNYDSKVHLLYDLPEVIDDSPLPLKDS 180
QY 181 FOTVQCNSLRGCECHVPVPRAKNLYALLMYLEITSAGVSFOSPLMSLQPLMLVVKPDPL 240
Db 181 FOTVQCNSLRGCECHVPVPRAKNLYALLMYLEITSAGVSFOSPLMSLQPLMLVVKPDPL 240
QY 241 GLHMEVTDGDLKISWDSQTMAPPFLOQVYKYLENSTIVREAAEIVSATSLVDSVLPDS 300
Db 241 GLHMEVTDGDLKISWDSQTMAPPFLOQVYKYLENSTIVREAAEIVSATSLVDSVLPDS 300
QY 301 SYEVQVRSKRLDGSVWSDSSPQVFTTQDVVYFPFKILTSVGSNASFHCIIYKNEQIIS 360
Db 301 SYEVQVRSKRLDGSVWSDSSPQVFTTQDVVYFPFKILTSVGSNASFHCIIYKNEQIIS 360
QY 361 SKQIIVWRNLAEKIPFIQIYSIVSDRVSKVTFPNLKATPRGKFTYDAVYCCNEQAACHRY 420
Db 361 SKQIIVWRNLAEKIPFIQIYSIVSDRVSKVTFPNLKATPRGKFTYDAVYCCNEQAACHRY 420
QY 421 AELVYIDVNIINISCTDGLTKMTCRWSPSTIQSLVGSVQLRYHRRSLYCPDPSIHPT 480
Db 421 AELVYIDVNIINISCTDGLTKMTCRWSPSTIQSLVGSVQLRYHRRSLYCPDPSIHPT 480
QY 481 SEPKNCVLQDGFYECVFPFIQLLSGYTWMIRINHSLSGLSDSPPTCVLPDSVVKPLPPSN 540
Db 481 SEPKNCVLQDGFYECVFPFIQLLSGYTWMIRINHSLSGLSDSPPTCVLPDSVVKPLPPSN 540
QY 541 VKAEITVNTGLLKVSWEKVPFPENNLOQIRYGLSGKEIQWKTHEVFDKSKSALLVSD 600
Db 541 VKAEITVNTGLLKVSWEKVPFPENNLOQIRYGLSGKEIQWKTHEVFDKSKSALLVSD 600
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Qy	601	LCAYVVQVRCRLDGLGYNWNSPAYTLVMDVKVPMRGPEFWRKMDGDVTKKERNVTL	660
Db	601	LCAYVVQVRCRLDGLGYNWNSPAYTLVMDVKVPMRGPEFWRKMDGDVTKKERNVTL	660
Qy	661	LAKPLTKDNLCSVRVRYVVKHRTAHNGTWSDEVDGNRTNLTLWTEPAHTTVVLAVNSLGA	720
Db	661	LAKPLTKDNLCSVRVRYVVKHRTAHNGTWSDEVDGNRTNLTLWTEPAHTTVVLAVNSLGA	720
Qy	721	SLVFNFLFSPWPMKVSAVESLSAYPLSSSCVILSWTLSPDDYSLLYLVIEWKILNEDDG	780
Db	721	SLVFNFLFSPWPMKVSAVESLSAYPLSSSCVILSWTLSPDDYSLLYLVIEWKILNEDDG	780
Qy	781	MKWLRIPSNVKKFYIHT 796	
Db	781	MKWLRIPSNVKKFYIHT 796	

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; Publication No. US20030073634A1
; GENERAL INFORMATION:
; APPLICANT: Myers, Martin
; TITLE OF INVENTION: METHODS OF TREATING OBESITY
; FILE REFERENCE: 10276-071001
; CURRENT APPLICATION NUMBER: US/10/226,579
; CURRENT FILING DATE: 2002-08-23
; PRIOR APPLICATION NUMBER: US 60/314,976
; PRIOR FILING DATE: 2001-08-24
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 1162
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-226-579-2

Query Match      98.7%; Score 4265; DB 14; Length 1162;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 795; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1  MMCQFYVLLHWEFLYVIAALNLAYIPSPWKFKLCGPPNTTDDSFSPAGAPNNASAL 60
DB      1  MMCQFYVLLHWEFLYVIAALNLAYIPSPWKFKLCGPPNTTDDSFSPAGAPNNASAL 60

QY      61  KGASEAIVEAKFNSSGIYVPELSKTVFHCFCNEQONCSALTNDTEGKTLASVVKASVF 120
DB      61  KGASEAIVEAKFNSSGIYVPELSKTVFHCFCNEQONCSALTNDTEGKTLASVVKASVF 120

QY      121  ROLGVNWDIECKWKGDLTLFICHMEPLPKNPKNYDYSKVHLLYDLPEVIDDPSPLPKDS 180
DB      121  ROLGVNWDIECKWKGDLTLFICHMEPLPKNPKNYDYSKVHLLYDLPEVIDDPSPLPKDS 180

QY      181  FQTVQCNSLRGCECHVPVPRAKNLAYLMYLEITTSAGVSFQSPMLSLQPLMLVVKDPDPL 240
DB      181  FQTVQCNSLRGCECHVPVPRAKNLAYLMYLEITTSAGVSFQSPMLSLQPLMLVVKDPDPL 240

QY      241  GLHMEVTDGKILSWDSQTMAPFPLOYQVYKLENSTIVREAAEIVSATSLLDVSVLPGS 300
DB      241  GLHMEVTDGKILSWDSQTMAPFPLOYQVYKLENSTIVREAAEIVSATSLLDVSVLPGS 300

QY      301  SYEVQVRKRLDGGVSWDSQVFTTQDVVYFPPKILTSVGSNASFHCIIYKNENQIIS 360
DB      301  SYEVQVRKRLDGGVSWDSQVFTTQDVVYFPPKILTSVGSNASFHCIIYKNENQIIS 360

QY      361  SKQIIVWRNLAEKIPFIQSIYSDRVSKVTFSNKLKATRPGRKFTYDAVYCCNEQACHRY 420
DB      361  SKQIIVWRNLAEKIPFIQSIYSDRVSKVTFSNKLKATRPGRKFTYDAVYCCNEQACHRY 420

QY      421  AELVYIDVNNINISCEGTGYLTQMTCRWSPSTIQSLVGVSTQVLRHRSIYCPDPSIHT 480
DB      421  AELVYIDVNNINISCEGTGYLTQMTCRWSPSTIQSLVGVSTQVLRHRSIYCPDPSIHT 480

QY      481  SEPKNCVLQDGFYECVFOIFLLSGYTWIRINHSLSGLSDSPPTCVLPDSVVKLPSPSN 540
DB      481  SEPKNCVLQDGFYECVFOIFLLSGYTWIRINHSLSGLSDSPPTCVLPDSVVKLPSPSN 540

QY      541  VKAEITVNTGLLKSWKEKVPFENNLLQFOIRYGLSGKEIQWKTHTHEVFDKSKASLLVSD 600
DB      541  VKAEITVNTGLLKSWKEKVPFENNLLQFOIRYGLSGKEIQWKTHTHEVFDKSKASLLVSD 600

QY      601  LCAYVVOVRCRLDGLGVSWNSSPAYTLVMDVKVPMRGPFFWRKMDGDVTKKERNVTL 660
DB      601  LCAYVVOVRCRLDGLGVSWNSSPAYTLVMDVKVPMRGPFFWRKMDGDVTKKERNVTL 660

QY      661  LKPLTKNDSLCSVRRYVYVVKHRTAINGTWSBVGNRNTLTLFWTBPATVTVLVNSLGA 720
DB      661  LKPLTKNDSLCSVRRYVYVVKHRTAINGTWSBVGNRNTLTLFWTBPATVTVLVNSLGA 720

QY      721  SLVNFNLTFSPWMSKVSAVESLSAYPLSSCVILSWTLPDDYSLLYLVIWIKILNEDDG 780
DB      721  SLVNFNLTFSPWMSKVSAVESLSAYPLSSCVILSWTLPDDYSLLYLVIWIKILNEDDG 780

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QY      781  MKWLRIIPSNVKKFYIH 796
DB      781  MKWLRIIPSNVKKFYIH 796

RESULT 6
US-08-779-457-7
; Sequence 7, Application US/08779457
; Publication No. US20020193571A1
; GENERAL INFORMATION:
; APPLICANT: Carter, Paul J.
; APPLICANT: Chiang, Nancy Y.
; APPLICANT: Kyung, Jin Kim
; APPLICANT: Matthews, William L.
; APPLICANT: Rodrigues, Maria L.
; TITLE OF INVENTION: WSX RECEPTOR AGONIST ANTIBODIES
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinFatin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/779,457
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/667197
; FILING DATE: 06/20/96
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585005
; FILING DATE: 01/08/96
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: 40,378
; REFERENCE/DOCKET NUMBER: P0986P2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 783 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
US-08-779-457-7

Query Match      93.3%; Score 4031; DB 8; Length 783;
Best Local Similarity 96.6%; Pred. No. 2.2e-308;
Matches 756; Conservative 2; Mismatches 25; Indels 0; Gaps 0;

QY      1  MMCQFYVLLHWEFLYVIAALNLAYIPSPWKFKLCGPPNTTDDSFSPAGAPNNASAL 60
DB      1  MMCQFYVLLHWEFLYVIAALNLAYIPSPWKFKLCGPPNTTDDSFSPAGAPNNASAL 60

QY      61  KGASEAIVEAKFNSSGIYVPELSKTVFHCFCNEQONCSALTNDTEGKTLASVVKASVF 120
DB      61  KGASEAIVEAKFNSSGIYVPELSKTVFHCFCNEQONCSALTNDTEGKTLASVVKASVF 120

QY      121  ROLGVNWDIECKWKGDLTLFICHMEPLPKNPKNYDYSKVHLLYDLPEVIDDPSPLPKDS 180
DB      121  ROLGVNWDIECKWKGDLTLFICHMEPLPKNPKNYDYSKVHLLYDLPEVIDDPSPLPKDS 180

QY      181  FQTVQCNSLRGCECHVPVPRAKNLAYLMYLEITTSAGVSFQSPMLSLQPLMLVVKDPDPL 240
DB      181  FQTVQCNSLRGCECHVPVPRAKNLAYLMYLEITTSAGVSFQSPMLSLQPLMLVVKDPDPL 240

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QY 241 GLHMEVTDGKISWDSOTMAPFPLOQVQKYLENSTIVREAAEIVSATSLVDSVLPGS 300
Db 241 GLHMEVTDGKISWDSOTMAPFPLOQVQKYLENSTIVREAAEIVSATSLVDSVLPGS 300
QY 301 SYEVQVRSKRLDGGSGWSDSSPQVFTTQDVVYFPPKILTSVGSNASFHCYKQACHHRY 360
Db 301 SYEVQVRSKRLDGGSGWSDSSPQVFTTQDVVYFPPKILTSVGSNASFHCYKQACHHRY 360
QY 361 SKQIWWRNLAEKIPEIQSIYSDRVSKVTFPNLKAATPRGKFTYDAVYCCNEQACHHRY 420
Db 361 SKQIWWRNLAEKIPEIQSIYSDRVSKVTFPNLKAATPRGKFTYDAVYCCNEQACHHRY 420
QY 421 AELVYDVNINISCTDGYLTQWTCRWSPSTIQSLVGVSTQVLRVHRRSILYCPDPSIIHPT 480
Db 421 AELVYDVNINISCTDGYLTQWTCRWSPSTIQSLVGVSTQVLRVHRRSILYCPDPSIIHPT 480
QY 481 SEPKNCVLQRDGFYECVFQIFLLSGYTTWIRINHSLSGLSDSPPTCVLPDSVVKPLPPSN 540
Db 481 SEPKTASYRETAFMNVFSSQSFYILAIQCGFRINHSLSGLSDSPPTCVLPDSVVKPLPPSN 540
QY 541 VKAEITVNTGLLKVSWEKVPFPENNLPQIRYGLSGKEIQWKTHERVFDKSKASLLVSD 600
Db 541 VKAEITVNTGLLKVSWEKVPFPENNLPQIRYGLSGKEIQWKTHERVFDKSKASLLVSD 600
QY 601 LCADVVOVQRCRRLDGLGYWNSWSSPAYTLVMDVKVPMRGPEFWKMDGDVTKKERNVTL 660
Db 601 LCADVVOVQRCRRLDGLGYWNSWSSPAYTLVMDVKVPMRGPEFWKMDGDVTKKERNVTL 660
QY 661 LKPLTKNDSLCSVRRYVVKHRTAHNGTWSEDVGNRTNLTFLWTBPAHTVTVLVANSLSGA 720
Db 661 LKPLTKNDSLCSVRRYVVKHRTAHNGTWSEDVGNRTNLTFLWTBPAHTVTVLVANSLSGA 720
QY 721 SLVNFNLTFSWPMKSVAVESLSAYPLSSCVILSWTILSPDDYSLLYLVIEWKIINEDDG 780
Db 721 SLVNFNLTFSWPMKSVAVESLSAYPLSSCVILSWTILSPDDYSLLYLVIEWKIINEDDG 780

```

RESULT 7

US-10-214-802-7

; Sequence 7, Application US/10214802

; Publication No. US20030004109A1

; GENERAL INFORMATION:

; APPLICANT: Matthews, William

; Bennett, Brian

; TITLE OF INVENTION: WSX RECEPTOR

; NUMBER OF SEQUENCES: 45

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Genentech, Inc.

; STREET: 460 Point San Bruno Blvd

; CITY: South San Francisco

; STATE: California

; COUNTRY: USA

; ZIP: 94080

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: WinPatin (Genentech)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/10/214,802

; FILING DATE: 06-Aug-2002

; CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/780,562

; FILING DATE: <Unknown>

; APPLICATION NUMBER: 08/585005

; FILING DATE: 08-Jan-97

; APPLICATION NUMBER: 60/

```

; FILING DATE: 08-Jan-97
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: 40,378
; REFERENCE/DOCKET NUMBER: P0986R1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7188
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 783 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-10-214-802-7

```

```

Query Match      93.3%; Score 4031; DB 14; Length 783;
Best Local Similarity 96.6%; Pred. No. 2.2e-308;
Matches 756; Conservative 2; Mismatches 25; Indels 0; Gaps 0;

QY 1 MMCQFYVVLHWEFLYVIAALNLAYPISPWKFKLFCGPPNTTDDSFSPAGAPNNASAL 60
Db 1 MMCQFYVVLHWEFLYVIAALNLAYPISPWKFKLFCGPPNTTDDSFSPAGAPNNASAL 60
QY 61 KGASEAIVEAKFNSSGIYVPELSKTVFHCCEGQNCQCSALTQNTGKTLASVVKASVF 120
Db 61 KGASEAIVEAKFNSSGIYVPELSKTVFHCCEGQNCQCSALTQNTGKTLASVVKASVF 120
QY 121 RQLGVNWDIECMKGDLTFLFICHMEPLKPNPKFYNDKSVHLLYDLPEVIDDPLPLKDS 180
Db 121 RQLGVNWDIECMKGDLTFLFICHMEPLKPNPKFYNDKSVHLLYDLPEVIDDPLPLKDS 180
QY 181 FQTVQNCGLRGCECHVPVPRAKUNYALLMYLEITSAGVSFQSPMLSQMLVVKPDPL 240
Db 181 FQTVQNCGLRGCECHVPVPRAKUNYALLMYLEITSAGVSFQSPMLSQMLVVKPDPL 240
QY 241 GLHMEVTDGKISWDSOTMAPFPLOQVQKYLENSTIVREAAEIVSATSLVDSVLPGS 300
Db 241 GLHMEVTDGKISWDSOTMAPFPLOQVQKYLENSTIVREAAEIVSATSLVDSVLPGS 300
QY 301 SYEVQVRSKRLDGGSGWSDSSPQVFTTQDVVYFPPKILTSVGSNASFHCYKQACHHRY 360
Db 301 SYEVQVRSKRLDGGSGWSDSSPQVFTTQDVVYFPPKILTSVGSNASFHCYKQACHHRY 360
QY 361 SKQIWWRNLAEKIPEIQSIYSDRVSKVTFPNLKAATPRGKFTYDAVYCCNEQACHHRY 420
Db 361 SKQIWWRNLAEKIPEIQSIYSDRVSKVTFPNLKAATPRGKFTYDAVYCCNEQACHHRY 420
QY 421 AELVYDVNINISCTDGYLTQWTCRWSPSTIQSLVGVSTQVLRVHRRSILYCPDPSIIHPT 480
Db 421 AELVYDVNINISCTDGYLTQWTCRWSPSTIQSLVGVSTQVLRVHRRSILYCPDPSIIHPT 480
QY 481 SEPKNCVLQRDGFYECVFQIFLLSGYTTWIRINHSLSGLSDSPPTCVLPDSVVKPLPPSN 540
Db 481 SEPKTASYRETAFMNVFSSQSFYILAIQCGFRINHSLSGLSDSPPTCVLPDSVVKPLPPSN 540
QY 541 VKAEITVNTGLLKVSWEKVPFPENNLPQIRYGLSGKEIQWKTHERVFDKSKASLLVSD 600
Db 541 VKAEITVNTGLLKVSWEKVPFPENNLPQIRYGLSGKEIQWKTHERVFDKSKASLLVSD 600
QY 601 LCADVVOVQRCRRLDGLGYWNSWSSPAYTLVMDVKVPMRGPEFWKMDGDVTKKERNVTL 660
Db 601 LCADVVOVQRCRRLDGLGYWNSWSSPAYTLVMDVKVPMRGPEFWKMDGDVTKKERNVTL 660
QY 661 LKPLTKNDSLCSVRRYVVKHRTAHNGTWSEDVGNRTNLTFLWTBPAHTVTVLVANSLSGA 720
Db 661 LKPLTKNDSLCSVRRYVVKHRTAHNGTWSEDVGNRTNLTFLWTBPAHTVTVLVANSLSGA 720
QY 721 SLVNFNLTFSWPMKSVAVESLSAYPLSSCVILSWTILSPDDYSLLYLVIEWKIINEDDG 780
Db 721 SLVNFNLTFSWPMKSVAVESLSAYPLSSCVILSWTILSPDDYSLLYLVIEWKIINEDDG 780

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QY 781 MKW 783
Db 781 MKW 783

RESULT 8
US-09-116-676-10
; Sequence 10, Application US/09116676
; Publication No. US20030073829A1
; GENERAL INFORMATION:
; APPLICANT: Borowsky, Beth
; TITLE OF INVENTION: DNA ENCODING A HUMAN OB RECEPTOR
; TITLE OF INVENTION: (hob-Re) AND USES THEREOF
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/116,676
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 1795-53801/JPW/KDB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212 278 0400
; TELEFAX: 212 291 0525
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 804 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-116-676-10

Query Match 77.6%; Score 3355; DB 10; Length 804;
Best Local Similarity 76.0%; Pred. No. 4e-255;
Matches 611; Conservative 74; Mismatches 117; Indels 2; Gaps 2;

QY 1 MMCQKFFVLLHWEFLYVIAALNLAYPISPWKFLLFCGPPNTTDDSFLLSPAGAPNASAL 60
Db 1 MICQKFCVLLHWEFLYVIAALNLAYPISPWKFLLFCGPPNTTDDSFLLSPAGAPNASAL 60

QY 61 KGASBAIVEAKPNSGGIYVPELSKTVFHCCEGQNCQNSALTDNTEGKTLASVVKASVF 120
Db 61 NGHYETAPEKPNSSGTHFSNLSKTTFFCCFSEQRNCSLCADNIEGKTFVSTVNSLVF 120

QY 121 RQLGVNWDIECWMKGDILFICHMEPLPKQPKYNDKSVHLLYDLPEVIDDSPLPKDS 180
Db 121 QQIDANWNIQWLKGLDLFICVSESLFKNLFRNYKVHLLYVLPFVLEDSPLVPQKGS 180

QY 181 FQTVCCNCSLRG-CECHVPVPRAKNYALLMYLEITSAGVSFQSPMLSLQPMVVKPDP 239
Db 181 FQVHCNCSVIECCCLVPVPTAKNDLTLMLCKLITSGVIFQSPMLSVQPINWVKPDP 240

QY 240 LGLHMEVTDGGLKLSWDSQTMAPPFLOQVVKYLENS-TIVREAAEIVSATSLLVDSVLP 298
Db 241 LGLHMEITDDGNLKLISWSSPPLVPFLOQVVKYSENSTTVIREADKIVSATSLLVDSILP 300

QY 299 GSSYEVOVRKELDGSQVWSDSSQVFTTQDVVFPFKILTSVGSNASFHCIIYKKNQI 358
Db 301 GSSYEVOVRKELDGSQVWSDSSQVFTTQDVVFPFKILTSVGSNASFHCIIYKKNKI 360

QY 359 ISSKQIVVMRLAEKIPBQISIVSDRVSKVTFNSLKAIPRGRKFTYDAVYCCNEOACHH 418
Db 361 VPSKEIVVMRLAEKIPBQISIVSDRVSKVTFNSLKAIPRGRKFTYDAVYCCNEOACHH 420

QY 419 RYAEIYVIDVNIINISCEGDTGTLTKMTCRWSPTSIQSLVGSVTLQRYHRSLLYCPDSPSIH 478
Db 421 RYAEIYVIDVNIINISCEGDTGTLTKMTCRWSPTSIQSLVGSVTLQRYHRSLLYCPDSPSIH 480

QY 479 PTSBPKNCVLDGDFYECVFOPIFLLSGYTWMIRINHSLSGLSDSPPTCVLPDSVVKPLPP 538
Db 481 PISEPKCYLQSDGDFYECVFOPIFLLSGYTWMIRINHSLSGLSDSPPTCVLPDSVVKPLPP 540

QY 539 SNVKAETITNTGLKLVSEKVPFPENNLOFQIRYGLSGKIEIQWKTHEVPDAKSKASLLV 598
Db 541 SSVKAETITNIGLLKLVSEKVPFPENNLOFQIRYGLSGKIEIQWKTHEVPDAKSKASLLV 600

QY 599 SDLCAYVYVQVRCRLDGLGYSNWSNPAYTLVMDVKVPMRGPEFWRKMDGDTVKERNV 658
Db 601 PDLCAVAVQVRCRLDGLGYSNWSNPAYTLVMDVKVPMRGPEFWRKMDGDTVKERNV 660

QY 659 TLLWKPLTKNDLSCSRVRVYVVKHRTAHNGTWSDEVGNRTNLTFLMTEPAHTVTVLAVNSL 718
Db 661 TLLWKPLTKNDLSCSRVRVYVVKHRTAHNGTWSDEVGNRTNLTFLMTEPAHTVTVLAVNSL 720

QY 719 GASLVNPLTFSPWMSKVSAYESLAYSAYPLSSCVILSWTSLSPDDSYLLYLVIEWKILNED 778
Db 721 GASVANFNLTFSPWMSKVNIVQSLAYSAYPLSSCVILSWTSLSPDDSYLLYLVIEWKILNED 780

QY 779 DGMKWLRIIPSNVKKFYIHGMCTVL 802
Db 781 GEIKWLRISSSVKKFYIHGMCTVL 804

RESULT 9
US-08-779-457-3
; Sequence 3, Application US/08779457
; Publication No. US20020193571A1
; GENERAL INFORMATION:
; APPLICANT: Carter, Paul J.
; APPLICANT: Chiang, Nancy Y.
; APPLICANT: Kyung, Jin Kim
; APPLICANT: Matthews, William
; APPLICANT: Rodrigues, Maria L.
; TITLE OF INVENTION: WSX RECEPTOR AGONIST ANTIBODIES
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/779,457
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: 08/667197
; FILING DATE: 06/20/96
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585005
; FILING DATE: 01/08/96
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: 40,378
; REFERENCE/DOCKET NUMBER: P0986P2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994

```
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 896 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
US-08-779-457-3

Query Match      77.3%; Score 3340; DB 8; Length 896;
Best Local Similarity 76.2%; Pred. No. 7.2e-254;
Matches 608; Conservative 73; Mismatches 115; Indels 2; Gaps 2;

QY 1 MMCQFYVLLHWEFLYVIAALNLAYPISPWKFLLFCGPPNTTDDSFSLSPAGAPNNASAL 60
DB 1 MICQFPCVLLHWEFLYVITAFNLSPYITPMPWFKLSGMPNPNSTYDYFLLPAGLSKNTNS 60
QY 61 KGASEAIVAEKFNSSGIYVPELSKTVFHCCFNEQONCSALTDTNTEGKTLASVVKASVF 120
DB 61 NGHYTEVPEKNSGTHFSNLSKTTFFHCCFSEQDRNCSLCAADNIEGKTFVSTVNSLVF 120
QY 121 ROLGVNWDIECMWGDGLTLFICHMEPLPKNPFFKNYDSKVHLLYDLPEVIDDSSLPLPKDS 180
DB 121 QQIDANWNIQCWLKGDGLKLFICYVESLFKNLFRNRYKVHLLYVLPVLEDSPLVPQKGS 180
QY 181 FQTVQNCNLSRG-CECHVPVPRAKNYALLYLEITSAQVSFQSPMLSLQPLMLVVKPDPP 239
DB 181 FQVHCHNCNVHCECCCLVPVPTAKLNDTLMLCKLITSGGVI FQSPMLSVQPINMVKPDPP 240
QY 240 LGLHMEVTDGGLKISWDSQTMAPPLOQVQVLYENS-TIVREAAEIVSATSLLVDSVLP 298
DB 241 LGLHMEITDDGNLKSWSGPPVLPVFPLOQVQVYSENSITVIREADKIVSATSLVDSILP 300
QY 299 GSSYEVQVRSKRLDGSVWSDSSQVFTTQDVVFPFPPKILTSVGSNASFHCIIYKNEQI 358
DB 301 GSSYEVQVRSKRLDGSVWSDSSQVFTTQDVVFPFPPKILTSVGSNASFHCIIYKNEKI 360
QY 359 ISSKQIVWNRNLAEKIPQYIVSDRSKVTFSNLKATPRGKFTYDAVYCCNQACHH 418
DB 361 VPSKEIVWMMNLAEKIPQSYQYVSDVSHSVKVTFFNLNETKPRGKFTYDAVYCCNHECHH 420
QY 419 RVAELVVDVNIISCTDGYLTMTCTWSPSTIOSLVGSTVQLRVHRRSLYCPDPSPIH 478
DB 421 RVAELVVDVNIISCTDGYLTMTCTWSTSTIOSLAESTLQLRYHRRSLYCSPIHSIH 480
QY 479 PISEPKNCVLRQDGFYECFQPIFLLSGYTMWIRINHSLSGLSDSPPTCVLPDSVVKPLPP 538
DB 481 PISEPKNCVLRQDGFYECFQPIFLLSGYTMWIRINHSLSGLSDSPPTCVLPDSVVKPLPP 540
QY 539 SNVKAETVNTGLLKVSWEKVPFPENNLOFQIRYGLSGKEIOWKTHEVPDAKSKASLLV 598
DB 541 SSVKAETITNIGLLKISWEKVPFPENNLOFQIRYGLSGKEVQKMYEYVYDAKSKVSLPV 600
QY 599 SDCAVYVQVRCRRLDGLGYNSWSSPAYTLVMDVKVPMRGPEFRKMGDGVTKKERNV 658
DB 601 PDLCAVAVQVRCRRLDGLGYNSWSSPAYTLVMDIKVPMRGPEFRWIRIINGTMMKERNV 660
QY 659 TLLWKLPLTKNDSLCVRRYVVKHRTAHNGTWSGVEDVGNRTNLTLFMTPEAHTVTVLAVNSL 718
DB 661 TLLWKLPLTKNDSLCVRRYVVKHRTAHNGTWSGVEDVGNHTKFTFLTEQAHTVTVLAINSI 720
QY 719 GASLVNFNLTFSWPMKSVAVESLSEAYPLSSCVLSWTLSPPDYSLLYLVTEWKLINBD 778
DB 721 GASVAFNLTFSWPMKSVKNIQVSLSEAYPLSSCVLSWTLSPPDYSKLYMYFIEWKRLNBD 780
QY 779 DCMKWLRIPTSNVKKFYIH 796
DB 781 GEIKWLRISSVKKFYIH 798

RESULT 10
US-10-214-802-3
; Sequence 3, Application US/10214802
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; Publication No. US20030004109A1
; GENERAL INFORMATION:
; APPLICANT: Matthews, William
; Bennett, Brian
; TITLE OF INVENTION: WSX RECEPTOR
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/214,802
; FILING DATE: 06-Aug-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/780,562
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/585005
; FILING DATE: 08-Jan-97
; APPLICATION NUMBER: 60/
; FILING DATE: 08-Jan-97
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: 40,378
; REFERENCE/DOCKET NUMBER: P0986R1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 896 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-10-214-802-3
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Query Match      77.3%; Score 3340; DB 14; Length 896;
Best Local Similarity 76.2%; Pred. No. 7.2e-254;
Matches 608; Conservative 73; Mismatches 115; Indels 2; Gaps 2;

QY 1 MMCQFYVLLHWEFLYVIAALNLAYPISPWKFLLFCGPPNTTDDSFSLSPAGAPNNASAL 60
DB 1 MICQFPCVLLHWEFLYVITAFNLSPYITPMPWFKLSGMPNPNSTYDYFLLPAGLSKNTNS 60
QY 61 KGASEAIVAEKFNSSGIYVPELSKTVFHCCFNEQONCSALTDTNTEGKTLASVVKASVF 120
DB 61 NGHYTEVPEKNSGTHFSNLSKTTFFHCCFSEQDRNCSLCAADNIEGKTFVSTVNSLVF 120
QY 121 ROLGVNWDIECMWGDGLTLFICHMEPLPKNPFFKNYDSKVHLLYDLPEVIDDSSLPLPKDS 180
DB 121 QQIDANWNIQCWLKGDGLKLFICYVESLFKNLFRNRYKVHLLYVLPVLEDSPLVPQKGS 180
QY 181 FQTVQNCNLSRG-CECHVPVPRAKNYALLYLEITSAQVSFQSPMLSLQPLMLVVKPDPP 239
DB 181 FQVHCHNCNVHCECCCLVPVPTAKLNDTLMLCKLITSGGVI FQSPMLSVQPINMVKPDPP 240
QY 240 LGLHMEVTDGGLKISWDSQTMAPPLOQVQVLYENS-TIVREAAEIVSATSLLVDSVLP 298
DB 241 LGLHMEITDDGNLKSWSGPPVLPVFPLOQVQVYSENSITVIREADKIVSATSLVDSILP 300
QY 299 GSSYEVQVRSKRLDGSVWSDSSQVFTTQDVVFPFPPKILTSVGSNASFHCIIYKNEQI 358
DB 301 GSSYEVQVRSKRLDGSVWSDSSQVFTTQDVVFPFPPKILTSVGSNASFHCIIYKNEKI 360
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QY 359 ISSQIIVWNRNLAEKIPEIQYSIVSDRVSKVTFNSLKAATPRGKFTYDAVYCCNBOACHH 418
DB 361 VPSKEIIVWNRNLAEKIPOSQYDWDSDHVSQVTFNLSNETKPRGKFTYDAVYCCNEHECHH 420
QY 419 RYAEIYVIDVNIINISCEITDGYLTKMTCRWSPSTIQSLVSGTQVLRHRSRSLYCPDPSPIH 478
DB 421 RYAEIYVIDVNIINISCEITDGYLTKMTCRWSTSTIQSLAESTLQRLAYHRSRSLYCPDPSI 480
QY 479 PTSEPKNCVLQDQGFYECVFOPIFLLSGYTWIRINHSLSGLSDSPPTCVLPDSVVKPLPP 538
DB 481 PTSEPKNCVLQDQGFYECVFOPIFLLSGYTWIRINHSLSGLSDSPPTCVLPDSVVKPLPP 540
QY 539 SNVKAETITNTGLLKVSWEKVPFENNLOFQIRYGLSGKEIQWKTHEVFDKSKSASLLV 598
DB 541 SSVKAETITINIGLLKISWEKVPFENNLOFQIRYGLSGKEIQWKTHEVFDKSKSVSLPV 600
QY 599 SDLCAYVYVQVRCRLDGLGYWSNWSPAYTLVMDVKVPMRGPEFWRKMDGVDVTKERNV 658
DB 601 PDLCAVYAVQVRCRLDGLGYWSNWSPAYTVVMDIKVPMRGPEFWRRIINGDTMKKEKNV 660
QY 659 TLLWKPLTKNDLSCLSVRRYVVKHRTAHNGTWSGVNRTNLTFLWTEPAHTVTVLAVNSL 718
DB 661 TLLWKPLTKNDLSCLSVQRYVINHTSCNGTWSGVNRTNLTFLWTEPAHTVTVLAVNSI 720
QY 719 GASLVNFTLTPSWPMKSVAVESLSAYPLSSCVILSWTLSPDDYSLLYLVIEWKILNED 778
DB 721 GASVANFNLTFSWPMKSVKNIQVLSAYPLNSCVIWSLSPDYKLMFYFIEWKILNED 780
QY 779 DGMKWLRIIPSNVKKFYIH 796
DB 781 GEIKWLRISSSVKKFYIH 798

RESULT 11
US-10-373-624A-2
; Sequence 2, Application US/10373624A
; Publication No. US20040132093A1
; GENERAL INFORMATION:
; APPLICANT: JOCKERS, Ralf
; TITLE OF INVENTION: METHOD FOR DETECTING LEPTIN LIGANDS
; FILE REFERENCE: FRAV2002/0002US NP
; CURRENT APPLICATION NUMBER: US/10/373,624A
; CURRENT FILING DATE: 2003-02-25
; PRIOR APPLICATION NUMBER: FR0202431
; PRIOR FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 2
; LENGTH: 896
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-373-624A-2

Query Match 77.3%; Score 3340; DB 16; Length 896;
Best Local Similarity 76.2%; Pred. No. 7,2e-254;
Matches 608; Conservative 73; Mismatches 115; Indels 2; Gaps 2;

QY 1 MMCQFVYVLLHWEFLYVIAALNLAIPSPKFKFCGPPNTTDSFLSPAGAPNNAAL 60
DB 1 MICQFVYVLLHWEFLYVIAALNLAIPSPKFKFCGPPNTTDSFLSPAGAPNNAAL 60
QY 61 KGASAIPEAKNSGIVVPELSKTVFHCCEQNGQNSALTDNTEGTLASVVKASVF 120
DB 61 NGHYETAPEKNSGTHFNSUSKTHFHCCEQNGQNSALTDNTEGTLASVVKASVF 120
QY 121 ROLGVNWDIECWKGDLTFLICMBPLPKNPKFYDYSKVLHLYDLPEVIDDSPLPLKDS 180
DB 121 QIDANWNIQWLKGDLTFLICMBPLPKNPKFYDYSKVLHLYDLPEVIDDSPLPLKDS 180
QY 181 FOTVQNCNSLRG-CECHVVPVRAKUNYALLMYLETSAGVSFQSPMLSLQMLVVKPDP 239
DB 181 FQWVHCNSVHCCECLVPVPTAKLNDTLMLCKITSGGVIQSPMLSVQPINMVKPDP 240
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QY 240 LGLHMEVTDGNNLKISWDSOTMAPFPLOQYQVYKLENS-TIVREAAEIVSATSLLVDSVLP 298
DB 241 LGLHMEITDDGNNLKISWSSPPLVPPFPLOQYQVYKSENSITVIREADKIVSATSLLVDSVLP 300
QY 299 GSSVEVQVRKRLDGSVWSDWSSPOVETQDVVFPFPKILTSVGSNASHFHCIIYKXENOI 358
DB 301 GSSVEVQVRKRLDGPISWSDWSTPRVFTTQDVVFPFPKILTSVGSNASHFHCIIYKXENKI 360
QY 359 ISSQIIVWNRNLAEKIPEIQYSIVSDRVSKVTFNSLKAATPRGKFTYDAVYCCNBOACHH 418
DB 361 VPSKEIIVWNRNLAEKIPOSQYDWDSDHVSQVTFNLSNETKPRGKFTYDAVYCCNEHECHH 420
QY 419 RYAEIYVIDVNIINISCEITDGYLTKMTCRWSPSTIQSLVSGTQVLRHRSRSLYCPDPSPIH 478
DB 421 RYAEIYVIDVNIINISCEITDGYLTKMTCRWSTSTIQSLAESTLQRLAYHRSRSLYCPDPSI 480
QY 479 PTSEPKNCVLQDQGFYECVFOPIFLLSGYTWIRINHSLSGLSDSPPTCVLPDSVVKPLPP 538
DB 481 PTSEPKNCVLQDQGFYECVFOPIFLLSGYTWIRINHSLSGLSDSPPTCVLPDSVVKPLPP 540
QY 539 SNVKAETITNTGLLKVSWEKVPFENNLOFQIRYGLSGKEIQWKTHEVFDKSKSASLLV 598
DB 541 SSVKAETITINIGLLKISWEKVPFENNLOFQIRYGLSGKEIQWKTHEVFDKSKSVSLPV 600
QY 599 SDLCAYVYVQVRCRLDGLGYWSNWSPAYTLVMDVKVPMRGPEFWRKMDGVDVTKERNV 658
DB 601 PDLCAVYAVQVRCRLDGLGYWSNWSPAYTVVMDIKVPMRGPEFWRRIINGDTMKKEKNV 660
QY 659 TLLWKPLTKNDLSCLSVRRYVVKHRTAHNGTWSGVNRTNLTFLWTEPAHTVTVLAVNSL 718
DB 661 TLLWKPLTKNDLSCLSVQRYVINHTSCNGTWSGVNRTNLTFLWTEPAHTVTVLAVNSI 720
QY 719 GASLVNFTLTPSWPMKSVAVESLSAYPLSSCVILSWTLSPDDYSLLYLVIEWKILNED 778
DB 721 GASVANFNLTFSWPMKSVKNIQVLSAYPLNSCVIWSLSPDYKLMFYFIEWKILNED 780
QY 779 DGMKWLRIIPSNVKKFYIH 796
DB 781 GEIKWLRISSSVKKFYIH 798

RESULT 12
US-08-779-457-4
; Sequence 4, Application US/08779457
; Publication No. US20020193571A1
; GENERAL INFORMATION:
; APPLICANT: Carter, Paul J.
; APPLICANT: Chiang, Nancy Y.
; APPLICANT: Kyung, Jin Kim
; APPLICANT: Matthews, William
; APPLICANT: Rodrigues, Maria L.
; TITLE OF INVENTION: WSX RECEPTOR AGONIST ANTIBODIES
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESS: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/779,457
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/667197
; FILING DATE: 06/20/96
```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585005
; FILING DATE: 01/08/96
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: 40,378
; REFERENCE/DOCKET NUMBER: P0986P2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 923 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
;
US-08-779-457-4

Query Match 77.3%; Score 3340; DB 8; Length 923;
Best Local Similarity 76.2%; Pred. No. 7.5e-254;
Matches 608; Conservative 73; Mismatches 115; Indels 2; Gaps 2;

QY 1 MMCQFVYVLLHWEFLYVIAALNLAYPISPWKFKLCGPPNTTDDSFSLSPAGAPNNASAL 60
DB 1 MICQFECVLLHWEFLYVITAFNLSPITPWFKLSCHPPNSTYDYFLLPAGLSKNTSNS 60

QY 61 KGASEAIVAEKPNSSGGIYVPELSKTVFHCCFGNEQNCSCALTNDTEGKTLASVVKASVF 120
DB 61 NGHETAVEPKFNSSGTHFSNLKTTFFCCFRSEQDRNCCLCADNIEGKTFVSTVNSLVF 120

QY 121 ROLGVNWDIECKMGDLTLFICHMEPLKPNPKNYDSKVHLLYDLPEVIDDSDPLPLKDS 180
DB 121 QOIDANNWNIQCLWKGDLKLFICYVESLFKNLFRNINYKVHLLYVLPDEVLEDSPLVPQKGS 180

QY 181 FQVHCNCSVHECCBCLVPVPTAKLNDTLMLCKLITSGGVIHQSPILMSVQPINNVKPDPP 239
DB 181 FQVHCNCSVHECCBCLVPVPTAKLNDTLMLCKLITSGGVIHQSPILMSVQPINNVKPDPP 240

QY 240 LGLHMEVTDGDKLISWDSQTMAPPLOQVQKYLENS-TIVREAAEIVSATSLLVDSVLP 298
DB 241 LGLHMEITDDGNLKISWSSPPLVPPPLQVQVYSENSTTVIREADKIVSATSLLVDSILP 300

QY 299 GSSYEVOVRSKLDGSGVWSNDSSPOVFTTQDVVPPPKILT SVGSNASHFCIYKXNQI 358
DB 301 GSSYEVOVRSKLDGSGVWSNDSTPRVFTTQDVVPPPKILT SVGSNASHFCIYKXENKI 360

QY 359 ISSKOIWMWNLAEKIPQYISVDRSVKTFNSLKAIRPRGKPTYDAVYCNEQACH 418
DB 361 VFSKEIWMWNLAEKIPQYISVDRSVKTFNSLKAIRPRGKPTYDAVYCNEHECHH 420

QY 419 RYAELYVIDVNIINISCTDGYLTMTCRWSPSTIQSLVSGTSQLRHYRRSLYCPDPSPIH 478
DB 421 RYAELYVIDVNIINISCTDGYLTMTCRWSTSTIQSLAESTLQLRHYRRSLYCSDIPIH 480

QY 479 PTSEPKNCVLOQDGFVECVFQDIFLLSGYTMIRINHSGLSDSPPTCVLPDSVVKPLPP 538
DB 481 PTSEPKDCYLODGFVECFIQDIFLLSGYTMIRINHSGLSDSPPTCVLPDSVVKPLPP 540

QY 539 SNVKAETVNTGLKVSWEKVPFPENNLOFQIRYGLSGKEIQWKTHEVFDKASKASLIV 598
DB 541 SSVKAETITNIGLLKISWEKVPFPENNLOFQIRYGLSGKEVQWKVEYVDKASKVSLPV 600

QY 599 SDCAVVYVQVRCRLDGLGYMNSNSSPAYTLVMDVKVPMRGPEFWRKMGDVTKKERNV 658
DB 601 PDLCAVAVQVRCRLDGLGYMNSNPNPAYTVMDIKVPMRGPEFWRIINGDTMKKEKV 660

QY 659 TLLWPLTNDGSLCSVRRVVKHRTAHNGTSEDVGNRNLTFLMTEPAHTVTVLAVNSL 718
DB 661 TLLWPLMKNDSLCSQVRVVIINHTSCNGTSEDVGNHNTKFTFLTEQAHTVTVLAINSI 720

QY 719 GASLVNFLTFSWPKMSKVAVESLSAYPLSSSCVILSWTSLPDDYSLLYLIEWKLINED 778
DB 721 GASVANFLTFSWPKMSKNIVQSLSAIPNLSSCVISWILSPDYKLYLIEWKLINED 780

QY 779 DGMKWLRIIPSNVKKFYIH 796
DB 781 GEIKWLRISSSVKKFYIH 798

RESULT 13
US-10-214-802-4
; Sequence 4, Application US/10214802
; Publication No. US20030004109A1
; GENERAL INFORMATION:
; APPLICANT: Matthews, William
; TITLE OF INVENTION: WSX RECEPTOR
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/214,802
; FILING DATE: 06-Aug-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/780,562
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/585005
; FILING DATE: 08-Jan-97
; APPLICATION NUMBER: 60/
; FILING DATE: 08-Jan-97
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: 40,378
; REFERENCE/DOCKET NUMBER: P0986R1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 923 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 4:
;
US-10-214-802-4

Query Match 77.3%; Score 3340; DB 14; Length 923;
Best Local Similarity 76.2%; Pred. No. 7.5e-254;
Matches 608; Conservative 73; Mismatches 115; Indels 2; Gaps 2;

QY 1 MMCQFVYVLLHWEFLYVIAALNLAYPISPWKFKLCGPPNTTDDSFSLSPAGAPNNASAL 60
DB 1 MICQFECVLLHWEFLYVITAFNLSPITPWFKLSCHPPNSTYDYFLLPAGLSKNTSNS 60

QY 61 KGASEAIVAEKPNSSGGIYVPELSKTVFHCCFGNEQNCSCALTNDTEGKTLASVVKASVF 120
DB 61 NGHETAVEPKFNSSGTHFSNLKTTFFCCFRSEQDRNCCLCADNIEGKTFVSTVNSLVF 120

QY 121 ROLGVNWDIECKMGDLTLFICHMEPLKPNPKNYDSKVHLLYDLPEVIDDSDPLPLKDS 180
DB 121 QOIDANNWNIQCLWKGDLKLFICYVESLFKNLFRNINYKVHLLYVLPDEVLEDSPLVPQKGS 180

QY 181 FQVHCNCSVHECCBCLVPVPTAKLNDTLMLCKLITSGGVIHQSPILMSVQPINNVKPDPP 239
DB 181 FQVHCNCSVHECCBCLVPVPTAKLNDTLMLCKLITSGGVIHQSPILMSVQPINNVKPDPP 240
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QY 240 LGLHMEVTDGDLKISWDSQTMAPPFLOQVQKYLENS-TIVREAAEIVSATSLLVDSVLP 298
DB 241 LGLHMEITDDGDLKISWSSPPLVFPFLOQVQKYLENS-TIVREAAEIVSATSLLVDSVLP 300
QY 299 GSSYEVQVRKRLDGLGWSWSSPOVFTQDVYPPPKILTSGVSNASPHCIYKXENOI 358
DB 301 GSSYEVQVRKRLDGLGWSWSSPRVFTQDVYPPPKILTSGVSNASPHCIYKXENKI 360
QY 359 ISSKOIWMNRLAEKIPQIYQSVSDRVSKVFNLSKATPRGKFTYDAVYCCNEQACHH 418
DB 361 VPSKEIWMNRLAEKIPQIYQSVSDRVSKVFNLSKATPRGKFTYDAVYCCNEQACHH 420
QY 419 RYAEIYVIVDWINISCTDGYLTMTCTWSPSTIQSLVSGTVMIRINHSLGSLDPSPTCVLPDSVVKPLPP 538
DB 421 RYAEIYVIVDWINISCTDGYLTMTCTWSPSTIQSLVSGTVMIRINHSLGSLDPSPTCVLPDSVVKPLPP 540
QY 479 PISEPKDCVLDGDFYECIFQPIFLLSGYTMIRINHSLGSLDPSPTCVLPDSVVKPLPP 598
DB 481 PISEPKDCVLDGDFYECIFQPIFLLSGYTMIRINHSLGSLDPSPTCVLPDSVVKPLPP 600
QY 539 SNVKAETITNTGLKIVSWKVPFENNLOFQIRYGLSGKEIQWKTHTHEVDAKSKASLV 598
DB 541 SSVKAETITNTGLKIVSWKVPFENNLOFQIRYGLSGKEIQWKTHTHEVDAKSKASLV 600
QY 599 SDLCAYVQVRCRLDGLGWSWSSPAYTLVMDVQVPMRGPEFWRKMDGVTKKERNV 658
DB 601 PDLCAVAVQVRKRLDGLGWSWSSPAYTLVMDVQVPMRGPEFWRKMDGVTKKERNV 660
QY 659 TLLMKPLTKNDLSCVSRVYVVKHRTAHNGTWSGDNRTNLTFLWTEPAHTVTVLAVNSL 718
DB 661 TLLMKPLTKNDLSCVSRVYVVKHRTAHNGTWSGDNRTNLTFLWTEPAHTVTVLAVNSL 720
QY 719 GASLVNFLTFSWPMKSKVAVESLSAYPLSSSCVILSWTLSPDDYSLLYLVLEWKLINED 778
DB 721 GASLVNFLTFSWPMKSKVAVESLSAYPLSSSCVILSWTLSPDDYSLLYLVLEWKLINED 780
QY 779 DGMKWLRIIPSNVKKFYIH 796
DB 781 GEIKWLRIIPSNVKKFYIH 798

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RESULT 14

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US-08-779-457-2
; Sequence 2, Application US/08779457
; Publication No. US20020193571A1
; GENERAL INFORMATION:
; APPLICANT: Carter, Paul J.
; APPLICANT: Chiang, Nancy Y.
; APPLICANT: Kyung, Jin Kim
; APPLICANT: Matthews, William
; APPLICANT: Rodriguez, Maria L.
; TITLE OF INVENTION: WSX RECEPTOR AGONIST ANTIBODIES
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/779,457
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/667197
; FILING DATE: 06/20/96

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585005
; FILING DATE: 01/08/96
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: 40,378
; REFERENCE/DOCKET NUMBER: P0986P2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1165 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
; US-08-779-457-2

Query Match 77.3%; Score 3340; DB 8; Length 1165;
Best Local Similarity 76.2%; Pred. No. 1e-253;
Matches 608; Conservative 73; Mismatches 115; Indels 2; Gaps 2;

QY 1 MMCQFYVLLHWEFLYVIAALNLAIPSPKFKFCGPPNTDDSFSPAGAPNNASAL 60
DB 1 MICQFVLLHWEFLYVITAFNLSPITPMPFKLSMPNPNSTYDYFLPAGLSKNTS 60
QY 61 KGASEAIVEAKFNSSGIYVPELSKTVFCCFGNEQOQCSALTNDTEGKTLASVVKASV 120
DB 61 NGHETAVPEKFNSSGTHFSNLSTKTFHCCFSEQDRNCSLCAADNIEGKTFVTVNSLV 120
QY 121 RGLGVNWDIECMKGDGLTFLFICHMEPLKPNPKNDKSVHLLYDLPEVDDGSLPLPKDS 180
DB 121 QOIDANNIQCWLKGDGLFLFYVESLFGNLFNRYNKVHLLYVLEVEDSFLVPQKGS 180
QY 181 FQTVQNCSLRG-CECHVPVPRAKLYALLMYLEITSAGVSPQSLMSLQPLMLVVKPDP 239
DB 181 FQVHCNCSVHECCBCLVPVPTAKLNDTLLMCLKITSGGVIQSPSLMSVQPINMVKPDP 240
QY 240 LGLHMEVTDGDLKISWDSQTMAPPFLOQVQKYLENS-TIVREAAEIVSATSLLVDSVLP 298
DB 241 LGLHMEITDDGDLKISWSSPPLVFPFLOQVQKYLENS-TIVREAAEIVSATSLLVDSVLP 300
QY 299 GSSYEVQVRKRLDGLGWSWSSPOVFTQDVYPPPKILTSGVSNASPHCIYKXENOI 358
DB 301 GSSYEVQVRKRLDGLGWSWSSPRVFTQDVYPPPKILTSGVSNASPHCIYKXENKI 360
QY 359 ISSKOIWMNRLAEKIPQIYQSVSDRVSKVFNLSKATPRGKFTYDAVYCCNEQACHH 418
DB 361 VPSKEIWMNRLAEKIPQIYQSVSDRVSKVFNLSKATPRGKFTYDAVYCCNEQACHH 420
QY 419 RYAEIYVIVDWINISCTDGYLTMTCTWSPSTIQSLVSGTVMIRINHSLGSLDPSPTCVLPDSVVKPLPP 478
DB 421 RYAEIYVIVDWINISCTDGYLTMTCTWSPSTIQSLVSGTVMIRINHSLGSLDPSPTCVLPDSVVKPLPP 480
QY 479 PISEPKDCVLDGDFYECIFQPIFLLSGYTMIRINHSLGSLDPSPTCVLPDSVVKPLPP 538
DB 481 PISEPKDCVLDGDFYECIFQPIFLLSGYTMIRINHSLGSLDPSPTCVLPDSVVKPLPP 540
QY 539 SNVKAETITNTGLKIVSWKVPFENNLOFQIRYGLSGKEIQWKTHTHEVDAKSKASLV 598
DB 541 SSVKAETITNTGLKIVSWKVPFENNLOFQIRYGLSGKEIQWKTHTHEVDAKSKASLV 600
QY 599 SDLCAYVQVRCRLDGLGWSWSSPAYTLVMDVQVPMRGPEFWRKMDGVTKKERNV 658
DB 601 PDLCAVAVQVRKRLDGLGWSWSSPAYTLVMDVQVPMRGPEFWRKMDGVTKKERNV 660
QY 659 TLLMKPLTKNDLSCVSRVYVVKHRTAHNGTWSGDNRTNLTFLWTEPAHTVTVLAVNSL 718
DB 661 TLLMKPLTKNDLSCVSRVYVVKHRTAHNGTWSGDNRTNLTFLWTEPAHTVTVLAVNSL 720
QY 719 GASLVNFLTFSWPMKSKVAVESLSAYPLSSSCVILSWTLSPDDYSLLYLVLEWKLINED 778
DB 721 GASLVNFLTFSWPMKSKVAVESLSAYPLSSSCVILSWTLSPDDYSLLYLVLEWKLINED 780

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QY 779 DGMKWLRIKPSNVKKFYIH 796
Db 781 GEIKWLIRISSSVKKYIIH 798

RESULT 15

US-09-894-039-1
; Sequence 1, Application US/09894039
; Publication No. US20020012949A1
; GENERAL INFORMATION:
; APPLICANT: Laura R. Carpenter
; APPLICANT: Neil Stahl
; APPLICANT: George D. Yancopoulos
; TITLE OF INVENTION: ASSAY SYSTEMS FOR LEPTIN-ENHANCING
; TITLE OF INVENTION: AGENTS
; FILE REFERENCE: REG 580-AZ
; CURRENT APPLICATION NUMBER: US/09/894,039
; PRIOR FILING DATE: 2001-06-28
; PRIOR APPLICATION NUMBER: 09/093,814
; PRIOR FILING DATE: 1998-06-09
; PRIOR APPLICATION NUMBER: 60/049,108
; PRIOR FILING DATE: 1997-06-09
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 1165
; TYPE: FRT
; ORGANISM: homo sapiens
US-09-894-039-1

Query Match 77.3%; Score 3340; DB 9; Length 1165;
Best Local Similarity 76.2%; Pred. No. 1e-253;
Matches 608; Conservative 73; Mismatches 115; Indels 2; Gaps 2;
QY 1 MMCOQFVYVLLHWEFLYVIAALNLAYPISPWFKLFKCGPPNTTDDSFSLSPAGAPNNASAL 60
Db 1 MICQFECVLLHWEFLYVITAFNLSPITPWRFKLSCMPNPSTYDFLLPAGLSKNTSNS 60
QY 61 KGASEAIVEAKFNSSGIYVPELSKTVFHCFCFQNGQONCSALTDTNTEGKTLASVVKASVF 120
Db 61 NGHJETAVEPKFNSSGTHFENLSKSTTFHCFCFQNGQONCSALTDTNTEGKTLASVVKASVF 120
QY 121 ROLGVNWDJECWMKGDLTLFIHMEPLPKNPKFNKYSKVHLLVLDLPEVIDDSDPLPLKDS 180
Db 121 QQIDANWNIQCKWLKGBLKLFICTVESLFRNLFRNTYKVKHLLVLDLPEVIDDSDPLPLKDS 180
QY 181 FQTQCNCSLRG-CECHVPVPRAKNYALLMYLEITSAGVSFQSPPLMSLQPMVLVVKPDP 239
Db 181 FQVHVCNCSVHECCCLVPVPTAKLNDTLMLCLKITSGGVIQSPPLMSVQPINMVKPDP 240
QY 240 LGHMEVTDGNNKISWDSQTMAPPLOVQVYKLENS-TIVREABIVSATSLLVDSVLP 298
Db 241 LGHMEITDDGNLKISWSPPLVPFPLOVQVYSENSTTVIREADKIVSATSLLVDSILP 300
QY 299 GSSYEVQVSKRLDGSVMSDSSPOVFTQDVVYPPKILTSVGSNASFHCYKKNQOI 358
Db 301 GSSYEVQVSKRLDGSVMSDSSPOVFTQDVVYPPKILTSVGSNASFHCYKKNQOI 360
QY 359 ISSKQIVWNRNLAEKIPETQYSIVSDRVSKVTFPSNLKATPRGKFTYDAVYCCNEQACHH 418
Db 361 VPSKEIVWNRNLAEKIPQSQYDVSDVSKVTFPSNLKATPRGKFTYDAVYCCNEQACHH 420
QY 419 RVAELVIDVNNISCEGTGYLTKMTCRWSPSTIQSLVSTQVLRVHRSLYCPDPSPIH 478
Db 421 RVAELVIDVNNISCEGTGYLTKMTCRWSTSTIQSLAESTLQLRVHRSLYCPDPSPIH 480
QY 479 PTSEPKNCVLRDGFVECVFQPIFLLSGYTMIRINHSLGSLDSPPTCVLPDSVVKPLPP 538
Db 481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMIRINHSLGSLDSPPTCVLPDSVVKPLPP 540
QY 539 SNVKAETVNTGLLKVSWEKVPFPENNLOFQIRYGLSGKEIQWKTHEVFDKASKSALLV 598

Db 541 SSVKAEITINIGLLKISWEKVPFPENNLOFQIRYGLSGKEVQMKYEVYDAKSYSVLPV 600
QY 599 SPLCAVYVQVRCRLDGLGYWSNWSPAYTLVMDVKVPMRGPEFWRKMDGDTVTKERNV 658
Db 601 PDLCAVYVQVRCRLDGLGYWSNWSPAYTVVMDIKVPMRGPEFWRRIINGDTMKKEKNV 660
QY 659 TLLWKPLTKNDSLCVRRYVVKHRTAHNGTWSSEYVGNRTNLTFLWTEPAHTTVVLAVNSL 718
Db 661 TLLWKPLTKNDSLCVRRYVVKHRTAHNGTWSSEYVGNRTNLTFLWTEPAHTTVVLAVNSL 720
QY 719 GASLVNFMNLTFSWPMKVSANVESLSAYPLSSCVILSWTLSPDDYSLLYLVIEWKILNED 778
Db 721 GASVANFNLTFSPWMSKVNIVQSLGAYPLNSSCVIVSWILSPSDYKLMVFIIEWKNLNE 780
QY 779 DGMKWLRIKPSNVKKFYIH 796
Db 781 GEIKWLIRISSSVKKYIIH 798

Search completed: November 3, 2004, 23:18:46
Job time : 145 secs